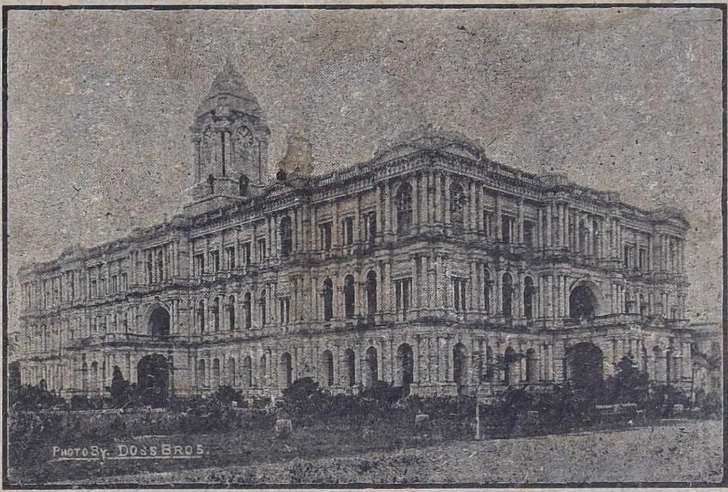
CORPORATION OF MADRAS



(RIPON BUILDINGS)

ANNUAL REPORT

OF THE

Health Officer
of the City of Madras

FOR THE YEAR

1919

MADRAS:
PRINTED BY S. MURTHY & CO.
AT THE "KAPALEE PRESS,"
305, THAMBU CHETTY STREET.

37

CORPORATION OF MADRAS.

ADMINISTRATION REPORT FOR 1919-20.

Addenda Et Corrigenda.

On page 139 in statement 2 of appendix III—add the following at the end :—

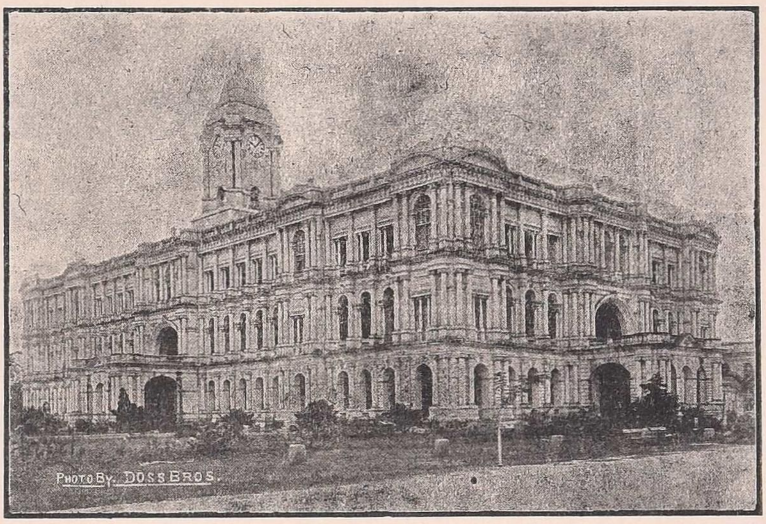
	Instns.	Boys.	Girls	Total.
Elementary Schools for boys.				
Government ...	14	1141	126	1267
Private ...	81	3191		3191
Elementary Schools for girls.				
Government. ...	2	Nil	153	153
	97	4332	279	4611

CORPORATION OF MADRAS,
13th *February* 1921.

MD. BAZLULLAH,
Commissioner.

S. Murthy & Co., Madras.

CORPORATION OF MADRAS



(RIPON BUILDINGS)

Administration Report

FOR

1919-20.

MADRAS:
PRINTED BY S. MURTHY & CO.,
AT THE " KAPALEE PRESS,"
305, THAMBU CHETTY STREET.

1920.

CORPORATION OF MADRAS.

ADMINISTRATION REPORT FOR 1919-20.

ADDENDA ET CORRIGENDA.

On page	5	paragraph	7.	22nd line *for* "Specia" *read* "Special."
"	10	"	9.	2nd line *for* "9181" *read* "1918."
"	17	"	16.	2nd line *for* "Sourch" *read* "Sources"
"	18	"	16.	5th line *for* "Rs. 10,44,256-2-10" *read* "Rs. 10,44,257-2-10."
"	21	"	30.	3rd line *for* "Rs. 36,115-14-1" *read* "Rs. 36,155-14-1."
"	21	"	33.	10th line *for* "Rs. 20,164" *read* Rs. "20,164-0-6."
"	23	"	36.	3rd line *for* "Rs. 1,80 902-4-0" *read* "Rs. 80,902-4-0."
"	34	"	58.	6th line *for* "pumpng" *read* "pumping"
"	47	"	"	13th line *for* Commissionor *read* "Commissioner."
"	50	Column	4.	Against Rent of Municipal wharf *for* "1,000 *read* "1,600."
"	53	"	1.	5 Miscellaneous Total *for* "Rs. 7,656-14-11" *read* "Rs. 7,656-14-1."
"	59	"	1.	7 Other charges (s) Public ceremonies *for* "Rs. 2 009-14-1" *read* "2,009-14-10."
"	64	"	3.	Carried over *for* "11,061,189-0-0" *read* "11061189-11-11."
"	67	Item	6.	remarks column *for* "or" *read* "on".
"	72	"	9.	2nd column *for* "Byramjung Street" *read* "Byramjang Street."
"	74, 76, 77, 79 and 82			in the heading omit "executed by the Special Works Department."
"	77	Item	19.	2nd column 2nd line *for* "and" *read* "end."
"	80			in the statement at the top *for* "Brouthg" *read* "Brought."
"	85	Item	23rd	2nd column *for* "Moor" *read* "Moore."
"	88	"	62nd	2nd column *for* "Beasant" *read* "Besant."
"	91	"	VI	4th column *for* "20 785" *read* "20,786."

On page 92 Item 2. under (e) Miscellaneous *for* "Grass Form (C. D.)" *read* "Grass Farm (L. D.)"

,, 95 ,, 17. last-column *for* "5·57" *read* "5·32."

,, 95 ,, 29. 5th column *for* "87,921-12-6" *read* "87,920-12-6"

,, ,, ,, ,, 6 (b) omit 100.

,, 96 ,, 3. 7th column *read* "(a) 0-13-3" below Rs. 26252-11-8.

,, ,, ,, 6. ,, *for* (a) 0-3-8" *read* "(a) 0-2-8"

,, ,, 11th column Heading *for* "whe" *read* "which.

,, ,, Foot note *for* "amount refunded" *read* "amount to be refunded"

,, ,, Item 21 column 4 *for* "Rs. 806-0-6" *read* "Rs. 8064-0-6"

,, ,, ,, ,, ,, 7th omit "8064-0-6"

,, ,, ,, ,, ,, 7 (a) omit 100.

,, ,, ,, ,, ,, 10 insert "8064-0-6"

,, ,, ,, 20 ,, 7 *for* "Rs. 301-0-5" *read* "301-10-5."

,, ,, column 7 Total *for* Rs. "81717-9-0" *read* "73653-8-6."

,, ,, ,, 7 (a) Total *for* "84·36" *read* "77·46."

,, ,, ,, 10 ,, *for* "Rs. 14246-5-2" *read* "Rs. 22310-5-8."

,, ,, ,, 10 (a) ,, *for* 14·7 *read* "21·6."

,, 97 13 ,, last line *for* "23164-0-0 *read* "23164-0-6."

,, 98 *Table No.* 2 column 1 *for* "1917-1" *read* "1917-18."

,, ,, ,, ,, 3 *for* "1339-5-7" *read* "1330-5-7."

,, 102 General Fund Cr. Total *for* "34,76,769-6-9" *read* "34,76,769-7-9."

,, 103 Lighting Fund Dr. 7th item *for* "46281–8–3." *read* "26,281–8–3."

,, 120 Line 40. 2nd column against Total *for* "10,89,187" *read* "10,87,786."

,, 133 Appendix III statement I column 5 against No. 8, Vallabha Agraharam *for* "115" *read* "155"

,, 138 column. 5 Total *for* "2255" *read* "2258"

,, 141 line 5 *for* "out patient" *read* "out patients"

,, 142 ,, 2 *for* "he year" *read* "the year"

Corporation of Madras.
19th Novr. 1920.

MD. HABIBULLAH,
Commissioner.

S. Murthy & Co., Madras.

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CORPORATION OF MADRAS.

Report of the Commissioner from 1st April 1919 to 31st March 1920.

LEGISLATION.

During the year under report the Madras City Municipal Act IV of 1919 came into force on 1st October 1919 superceding the Madras City Municipal Act III of 1904, Madras City Municipal Act (Amendment Act) 1907, and Madras City Municipal Act (Amendment Act) 1911.

2. The New Act has introduced important changes in the constitution of the Corporation and in the provision for increase of revenue.

The changes introduced in the constitution of the Corporation and in the mechanism of its working are intended to have the effect of popularising the administration and associating a much wider circle of people in the task. It has secured a constituency really representative of the rate-payers. Every tax-payer is given the franchise and the occupancy qualification is lowered to Rs. 60 from Rs. 120.

The constitution of the Council has been liberalised, the strength having been raised from 36 to 50 and the elective strength from 28 to 41 (Division elections 30 and elections by institutional bodies 11). The nominated element has been reduced to 9—the bare minimum necessary to provide for the representation of Muhammadans and other minorities and for experts. The Municipal authorities charged with carrying out the provisions of the Act are (a) a Council, (b) Standing Committees of the Council and (c) a Commissioner. With a view to the Councillors associating in larger numbers in the practical work of the administration and to turn into useful channels the special knowledge of individual members, the Act has introduced 4 Standing Committees, each consisting of 7 members in the place of one Standing Committee dealing respectively with (1) Taxation and Finance, (2) Works, (3) Health and (4) Education. The Council at its first meeting after the first day of November in each year, will elect one of its members to be its President and each Standing Committee at its first meeting after that date in each year will elect one of its members to be its Chairman. The President by virtue of his office is a member of every Standing Committee and other committees appointed by the Council and has free access to all the records of the Corporation and every official correspondence between the Corporation and the Governor-in-Council is conducted through the President.

The Commissioner is the chief Executive authority and his main function is to attend to the efficient discharge of the entire work of the administration and the multitudious details that arise in the government of this large city.

With regard to the resources of the Corporation the Act has regraded the profession-tax, the animal and vehicle taxes and has empowered the Council to levy a duty on transfers of property in the shape of additional stamp duty. The exemption hitherto enjoyed by the Port Trust was withdrawn and the properties of the Port Trust are now subject to the levy of the usual property tax but so as not to exceed 4 per cent on the gross earnings of the Port Trust and this concession was extended to the Port Trust since the basis of rental value is not applicable to the capital works (technically called buildings) which consist mostly of backwaters, sea walls etc. Further the rate at which the property tax should be levied on buildings and lands has not been defined but has been left to the discretion of the Council.

Elections.

3. In pursuance of the transitional and transitory provisions of the Act, the old Council continued in office till 5th February 1920, when the following Councillors constituted the Corporation under G. O. No. 1372 M., dated 17th September 1919.

	Dn.	Names.
Elected at Divisional elections.	1	M. R. Ry. R. N. Dhanapaul Mudaliar Avargal.
	2	M. R. Ry. P. V. Duraiswami Mudaliar Avargal.
	3	The Hon'ble Dewan Bahadur Sir P. Tyagaraya Chetti Garu.
	4	M. R. Ry. Rai Bahadur B. Mopurappa Garu.
	5	Khan Sahib Muhammed Usman Sahib Bahadur.
	6	M. R. Ry. O. Thanikachalam Chettiar Avargal.
	7	,, G. A. Natesan Avargal.
	8	,, C. P. Ramaswami Aiyar Avargal
	9	,, A. C. Asirvada Nadar Avargal.
	10	,, S. Venugopala Chettiar Avargal.
	11	,, S. Venkatachalam Chetti Garu.
	12	,, C. Subraya Mudaliar Avargal.
	13	,, R. Madanagopal Nayudu Garu.
	14	,, P. Thangavelu Chettiar Avargal.
	15	,, K. C. Desikachariar Avargal.
	16	,, V. Shunmuga Mudaliar Avargal.
	17	Dr. N. Venkataswami Chetti Garu.
	18	Dr. V. Ramakamath.
	19	M. R. Ry. V. Tirumalai Pillai Avargal.
	20	,, Rao Bahadur T. Rangachariar Avargal.
	21	,, S. Venkataramaswami Mudaliar Avargal.
	22	,, Rao Bahadur C. Cunnan Chetti Garu.
	23	,, V. Sivaprakasa Mudaliar Avargal.
	24	Quasim Ali Sahib Bahadur.
	25	Dr. C. Natesa Mudaliar, L. M. S.
	26	M. R. Ry. K. Vyasa Rao Garu.
	27	,, S. P. Arunachala Mudaliar Avargal.
	28	,, Rao Bahadur G. Narayanaswami Chetti Garu.
	29	,, Rao Sahib G. Venkatapathi Nayudu Garu.
	30	,, T. S. Ramaswami Aiyar Avargal.

Madras Chamber of Commerce.	Lieut-Col. W. H. Johnston. Mr. A. B. Bradsha.
Madras Trades Association.	Mr. D. Morrison. M. R. Ry. Rao Bahadur N. C. Rajagopalachariar Avargal. „ V. Desikachariar Avargal
The South Indian Chamber of Commerce.	M. R. Ry. C. Narayandoss Girdhardoss Garu. Muhammad Moosa Sait Sahib Bahadur.
The Harbour Trust Board.	The Hon'ble Mr. H. H. G. Mitchell, O. B. E., M. Inst. C. E.
The Anglo-Indian Association of Southern India Ld.	Mr. A. E. Rencontre.
The University of Madras.	M. R. Ry. Rao Bahadur K. B. Ramanathan Avargal.
Appointed by the Government.	The Hon'ble Mr. T. Arumainatham Pillai. The Hon'ble Mr. M. D. Devadoss. The Hon'ble Yaqub Hasan Sahib Bahadur. Rev. D. G. M. Leith. Major A. J. H Russell, I. M. S. Muhammad Ibrahim Sahib Bahadur. Mr. H. W. Callaghan. M. R. Ry. V. G. Vasudeva Pillai Avargal. S. Ghaus Khan Sahib Bahadur.

4. These Councillors continued to hold office during the year under report except M. R. Ry. Rao Bahadur K. B. Ramanathan Avargal who resigned his office on 16th February 1920 and in whose place Dr. S. Swaminathan was elected as a Councillor of the Corporation of Madras with effect from 13th April 1920 and M. R. Ry. P. V. Duraisawmi Mudaliar Avargal who died on 1st March 1920 and in whose place M. R. Ry. P. V. Nataraja Mudaliar Avargal was elected with effect from 11th May 1920.

5. The following paragraphs show the changes in the constitution of the Corporation between the period from 1st April 1919 to 5th February 1920 when the New Council was formed :—

Representatives of the Chamber of Commerce :—Mr. A. J. Leech who was appointed on 17th April 1917 resigned his seat on 1st October 1919 and the Government to whom the same was reported did not appoint any substitute in his place. Mr. W. A. Turner who was appointed on 11th February 1919 resigned his seat on 12th March 1919. Lieut.-Col. W. H. Johnston who was appointed in his

place on 30th September 1919 continued to hold office up to 5th February 1919. Mr. A. J. Powell who was appointed on 10th April 1917 resigned his seat on 2nd May 1919. The Government who was addressed in the matter appointed no substitute in his place.

Representatives of the Trades Association:—M. R. Ry. Rao Bahadur N. C. Rajagopalachariar Avargal who was appointed on 27th March 1917 continued to hold office till the formation of the New Council. Mr. H. W. Wilson who was appointed on 30th July 1918 resigned his seat on the Corporation on 24th March 1919 and Mr. D. Morrison was appointed in his place on 13th May 1919.

Mr. W. H. Nurse who was appointed on 15th October 1918 continued to hold office till the formation of the New Council.

Representatives of the Harbour Trust Board:—Khan Bahadur Abdul Kuddus Badsha Sahib Bahadur who was appointed on 5th March 1918 continued to hold office till the formation of the New Council.

Representatives of the Madras and Southern Mahratta Railway Company:—M. R. Ry. Rai Bahadur B. Mopurappa Garu who was appointed on 18th December 1917 continued to hold office till the formation of the New Council.

Nominations by Government:—The Hon'ble Mr. M. D. Devadoss, the Hon'ble Mr. Yaqub Hasan Sahib Bahadur, Mr. E. R. Osborne and Mr. H. W. Callaghan continued to hold office till the formation of the New Council. The Hon'ble Sir G. Fraser who was appointed on 23rd April 1918 resigned his office on 17th February 1919 and Rev. D. G. M. Leith was appointed in his place on 15th July 1919. Mr. J. W. Crusha who was appointed on 6th February 1917 resigned his seat on the Corporation on 13th February 1919. Mr. A. C. Hanbury who was appointed in his place on 1st July 1919 also resigned on 17th September 1919. Government who was addressed in the matter appointed no substitute in his place till the formation of the Council under the New Act. Lt.-Col. R. Bryson who was appointed on 8th August 1916 left Madras on Field service on 5th June 1919 and Major E. W. C. Bradfield was appointed in his place on 29th July 1919 and he continued to hold office till the formation of the Council. Lt.-Col. C. Donovan who was appointed on 21st May 1918 ceased to be a Councillor on 15th May 1919 and Government who was addressed on the subject appointed no substitute in his place until after the introduction of the New Act.

Reinstatement.

6. Under Section 54 of the Madras City Municipal Act 1904, thefollowing Commissioners lost their seats on the Corporation by failing to attend either three consecutive general meetings or six consecutive meetings. They were reinstated under the proviso to Section 55 of the Act.

No.	Name.	Date of loss of seat.	Date of reinstatement.
1	M. R Ry. C. P. Ramaswamy Aiyar ...	19th August 1919	16th Septr. 1919
2	The Hon'ble Mr. Yaqub Hasan Sahib Bahadur ...	15th July 1919	19th August 1919
3	M. R. Ry. C. Srinivasachariar Avargal	24th June 1919	15th July 1919
4	M. R. Ry. G. R. Authikesavalu Naidu Garu ...	14th May 1919	20th May 1920

Executive Officers.

7. Mr. Molony held charge of the office of the President till the afternoon of the 13th April 1919 when he proceeded on combined privilege leave and furlough without medical certificate for a period of 6 months. Khan Bahadur Muhammad Bazlullah Sahib Bahadur acted for him from the 14th to 28th April 1919 both days inclusive when Mr. Burkitt took charge from him and continued to hold the office during the rest of the year under report. Dr. K. Raghavendra Rao held office as Health Officer during the year and continued to be as Special Malaria Officer too. Khan Bahadur Muhammad Bazlullah Sahib Bahadur held office as Revenue Officer till the afternoon of 18th September 1919 when he was absent on privilege leave for one month and 12 days. During his absence M. R. Ry. S. Dandapani Iyer Avl., acted for him. Mr. Muhammad Bazlullah Sahib Bahadur rejoined duty as Revenue Officer on the expiry of this leave and continued to hold office till the afternoon of 25th November 1919 when he reverted to Government service. M. R. Ry. S. Dandapani Iyer Avl. was appointed to act as Revenue Officer from the said date and continued to hold office during the year. Mr. Coats, Engineer, left the service of the Madras Corporation for that of the Calcutta Corporation and Mr. J. E. Hensman who took charge of the office on the afternoon of 31st March 1919 continued to hold office during the year. Mr. J. W. Madeley continued as Special Engineer for the design and execution of the water and drainage works except for the period from 7th April 1919 to 14th October 1919 both days inclusive when he was absent on combined privilege leave and furlough. During his absence Mr. A. L. Houston, Senior Drainage Assistant Engineer, was in charge of the current duties of the office of the Specia Engineer in addition to his own duties.

Meetings.

8. During the year the Corporation held twelve General Meetings, four Adjourned General Meetings and nine Special Meetings. The average number of Commissioners including the President present at each meeting of the Corporation under the Old Act was 20 as against 25 in the previous year and that of Councillors at each meeting of the Corporation under the Madras City Municipal Act, 1919, was 39. The percentage of attendance of the Commissioners under the Old Act to the sanctioned strength was 66·4 among divisional Commissioners, 48·5 among Institutional Commissioners and 30·8 among nominated Commissioners. The percentage of attendance of the Councillors as constituted under the Madras City Municipal Act, 1919 to the sanctioned strength was 92 among elected divisional Councillors, 47·5 among Institutional Councillors, and 81·9 among Councillors appointed by Government.

9. The Standing Committee under the Old Act met 24 times. The Standing Committees dealing respectively with (1) Taxation and Finance (2) Works, (3) Health and (4) Education constituted under the Madras City Municipal Act, 1919, met each 7, 6, 5, and 3 times respectively.

Committees and Sub-Committees.

10. (1) *Building line and encroachment of steps in streets.*—A Committee consisting of the President, M. R. Ry. Rao Bahadur T. Rangachariar Avargal, M. R. Ry. Rao Bahadur P. Tyagaraya Chetti Garu, the Hon'ble Mr. M. D. Devadoss, M. R. Ry. C. P. Ramaswami Aiyar Avargal and Mr. A. J. Leech was appointed by the Corporation on 19th November 1918 to report on questions concerning (*a*) building lines and (*b*) encroachment of steps in streets. This committee submitted a report and the Corporation at its meeting held on 15th April 1919 resolved that its consideration be adjourned *sine die.*

(2) *Rates for Electric lights and fans.*—In Government Memorandum No. 3009 A-D 18–9 P. W. D. dated 13th March 1919 Government forwarded an advertisement published by the Madras Electric Supply Corporation in the local newspapers regarding the raising of the rates for lights and fans and requested the remarks of the President as to whether he had any objection to the proposed amendments being sanctioned by the Local Government. A Committee consisting of the President, M. R. Ry. Rao Bahadur T. Rangachariar Avargal, M. R. Ry. G. A. Natesan Avargal, Mr. E. R. Osborne, M. R. Ry. T. Ethiraja Mudaliar Avargal, M. R. Ry. Rao Bahadur N. C. Rajagopalachariar Avargal and Mr. A. J. Leech was appointed by the Corporation on 15–4–1919 to consider and report on the subject with special reference to the necessity for the increase in charges. The report of the Committee was considered by the Corporation on 14–5–1919 who adopted the report

laying special emphasis on the condition that the increase of rates shall be for 3 years only. This resolution was duly communicated to Government.

(3) *Comprehensive schemes for the water supply and drainage of the Madras City.*—In G. O. No. 893 M. Mis., dated 11-6-1919 Government enquired whether the Corporation proposed to take up the comprehensive schemes for the water supply and drainage of the Madras City after the restricted programme is completed and, if so, how the schemes were to be financed. The Corporation by whom this matter was considered on 16-9-1919 appointed a Committee consisting of the President the Hon'ble Dewan Bahadur P. Tyagaraya Chetti Garu, M. R. Ry. G. A. Natesan Avargal, the Hon'ble Mr. M. D. Devadoss, Mr. W. H. Nurse, M. R. Ry. K. C. Desikachariar Avargal and M. R. Ry. Rao Bahadur T. Rangachariar Avargal to examine the question and report to the Corporation. The Corporation by whom the report of the Committee was considered on 24th February 1920 passed the following resolution :—

"The Corporation authorises the President to inform the Government that it will bear a third of the cost of the comprehensive schemes if the balance would be provided by the Government and the Government are satisfied with the soundness of the scheme as a scientific scheme of drainage."

This resolution was duly communicated to Government.

(4) *Improvement of Parthasarathi Kuppam* :—The Corporation at its meeting held on 16th September 1919 appointed a Special Committee consisting of the President, M. R. Ry. G. A. Natesan Avargal, M. R. Ry. Rao Bahadur G. Narayanaswami Chetti Garu, M. R. Ry. Rao Bahadur T. Rangachariar Avargal and Rev. D. G. M. Leith to take into consideration the condition of Parthasarathi Kuppam and to make a report to the Corporation at an early date as to the steps that are immediately necessary to improve the general condition of the Kuppam. The Committee met on 15th November 1919 and their deliberations were not completed during the year under report.

(5) *Framing of Byelaws and regulations* :—The Corporation at its meeting held on 7th October 1919 appointed a committee consisting of the Hon'ble Dewan Bahadur Sir P. Thyagaraya Chetti Garu, M. R. Ry. Salla Guruswami Chetti Garu, M. R. Ry. G. A Natesan Avargal, M. R. Ry. Rao Bahadur G. Narayanaswami Chetti Garu, Rev. D. G. M. Leith, M. R. Ry. C. P. Ramaswami Iyer Avargal, M. R. Ry. Rao Bahadur N. C. Rajagopalachariar Avargal, Mahammad Usman Sahib Bahadur, the Hon'ble Mr. M D. Devadoss, M. R. Ry. Rao Bahadur T. Rangachariar Avargal and the President, for the purposes of framing bylaws, regulations and rules under the provisions of the New Act. The following draft regulations, rules and Byelaws were framed by the Committee :—

(1) Regulations for the conduct of business at Meetings of the Council.

(2) Rules for the election of the President of the Council.

(3) Rules for the election of Members of Standing Committees of the Council.

(4) Rules for the election of the Chairman of a Standing Committee.

(5) Byelaws regarding water-supply to private premises.

The Corporation at its meeting held on 20th March 1920 appointed a new byelaw committee consisting of :—

1. The Hon'ble Dewan Bahadur Sir P. Thyagaraya Chetti Garu.(President).
2. M. R. Ry. G. A. Natesan Avargal.
3. ,, Rao Bahadur G. Narayanaswami Chetti Garu.
4. Rev. D. G. M. Leith.
5. M. R. Ry. C. P. Ramaswami Aiyar Avargal.
6. ,, Rao Bahadur N. C. Rajagopalachariar Avargal.
7. Khan Sahib Muhammad Usman Sahib Bahadur.
8. The Hon'ble Mr. M. D. Devadoss.
9. M. R. Ry. Rao Bahadur T. Rangachariar Avargal.
10 ,, O. Thanikachala Chettiar Avargal.
11. ,, V. Tirumalai Pillai Avargal.

in place of the one of 7th October 1919. The Committee continues to exist as its deliberations are not yet over.

(6) *Mr. A. M. Manickam Chetti's Market Committee*:— Mr. A. M. Manickam Chetti in his letter dated 2nd February 1920 submitted proposals for the construction of a vegetable market in Rasappa Chetti Street. The Standing Committee (Taxation and Finance) in their proceedings, dated 9th March 1920 recommended that the proposal of Mr. A. M. Manickam Chettiar for the construction of a vegetable market be accepted on condition that he executes a formal deed endowing 50 percent of the net income of the market for educational purposes to be settled in consultation with the Corporation, the Corporation undertaking not to give licenses for similar markets within the division. The Corporation at its meeting held on 16th March 1920 appointed a Committee consisting of M. R. Ry. K. C. Desikachariar Avargal, M. R. Ry. Rao Bahadur T. Rangachariar Avargal, the President, M. R. Ry. O. Thanikachala Chettiar Avargal and M. R. Ry. Rao Bahadur C. Cannan Chetti Garu to settle terms with Mr. Manickam Chettiar for the construction of the market. The deliberations of the Committee are not yet completed.

(7) *Corporation Provision Depot.*—The Corporation at its meeting held on 16th July 1918 approved the proposal to purchase and sell stores of food and necessary clothing at Central localities in the city for the benefit of the poorer classes.

of the population and a Committee consisting of the President and Messrs. T. Rangachariar, S. Guruswami Chettiar and C. Srinivasachariar was accordingly appointed to go into the question of the feasibility of purchase and sale of food stuffs etc. The Committee submitted a report recommending that a provision depot be opened in North Georgetown with a capital of Rs. 25,000. This report was adopted by the Corporation at its meeting of 20th August 1918 who also appointed a small committee consisting of the above three Divisional Commissioners to supervise and conduct the provision depot. The depot was opened on 11th September 1918. All preparations and arrangements connected with this depot were kindly undertaken by Mr. S. Guruswami Chettiar, Commissioner for the 8th Division. The depot continued in view of the economic distress in the city till the end of December 1919.

M. R. Ry. S. Guruswami Chetti Garu forwarded his report on the working of the Corporation Rice Depots from 12th September 1918 to 31st December 1919 and the Corporation, at its meeting held on 18th May 1920, passed the following resolution:—

"In recording the report, the Corporation places on record the valuable services rendered by M. R. Ry. S. Guruswamy Chetti Garu in managing the rice depots without any loss to the Corporation and which had done a great deal of useful service to the poor people in Madras."

(8) *Improvement of housing accommodation to the poorer classes in the city.*—The Corporation at its meeting held on 30th March 1920 passed the following resolution:—

"That in view of the overcrowding and the difficulty of securing houses in the City of Madras a Committee of the Corporation be appointed to make a careful survey of the situation and to consider in consultation with the Tramway Company, the Railway Companies, the Government of Madras and any other bodies actively dealing with the housing question the steps that should be taken to increase the number of houses available for occupation by the poorer classes of the citizens of Madras."

A Committee consisting of the following Councillors was appointed to go into the question:—

1. The Hon'ble Dewan Bahadur Sir P. Tyagaraya Chetti Garu-(President)
2. M. R. Ry. K. C. Desikachariar Avargal.
3. Khan Sahib Mahomed Usman Sahib Bahadur.
4. Dr. C. Natesa Mudaliar.
5. The Hon'ble Mr. T. Arumainatham Pillai.

6. M. R. Ry. Rao Bahadur G. Narayanaswami Chetti Garu.
7. „ C. P. Ramaswami Iyer Avargal.
8. „ Rao Bahadur T. Rangachariar Avargal.
9. „ K. Vyasa Rao Garu.
10. „ G. A. Natesan Avargal.
11. The Hon'ble Mr. M. D. Devadoss.
12. Major A. J. H. Russell, I. M. S.
13. M. R. Ry. V. Tirumalai Pillai Avargal.
14. Rev. D. G. M. Leith.
15. M. R. Ry. V. G. Vasudeva Pillai Avargal.
16. „ O. Thanikachala Chettiar Avargal.

(9) *Level Crossings*:—The Corporation at its meeting held on 18th June 9181 passed the following resolution :—

" That in view of the great obstruction and inconvenience caused to public traffic by too frequent, often prolonged, and even, futile closings, with at times almost no interval between them, of the railway gates at the level crossings on the Tiruvattiyur High Road and the Moneghar Choultry Road, the Madras and Southern Mahratta Railway Company be required to construct a ridge from Washermanpet to Moneghar Choultry and to lay their railway lines on the ridge, so that two roads will be available to public traffic at their present level, and that in the meantime the Railway Company be required to put up forthwith an overbridge for passengers at both of these level crossings."

The Government to whom this resolution was communicated appointed a committee to consider the matter and submit definite recommendations as to the work which should be carried out and as to the apportionment of the cost between the Railway Company and the Madras Corporation. (G. O. No. 604-M., dated 15th April 1919.)

The Corporation at its meeting held on 25th June 1919 appointed a committee consisting of the Commissioners (now styled Councillors) of the 1st 3 divisions to meet the Committee appointed by the Government in the Government Order referred to above and discuss the matter.

The Committee appointed by Government met in November 1919 and submitted their report to Government.

Government in their memorandum No. 1052-1 M., dated 5th March 1920, forwarded a copy of the report of the Committee appointed by them and enquired whether the Corporation accepts the conclusions arrived at by the Committee and if so to settle with the Railway Company (1) alignment of the approach road and

of the overbridges at the Tiruvattiyur High Road, (2) the width of the two overbridges and (3) the apportionment of the cost of the new works.

The report was referred to the Council for consideration.

Tramways.

11. In G. O. No. 886 M. Mis., dated 1st June 1918 the Government informed the Corporation that the Government of India sanctioned the re-alignment of tramway line along the Body Guard Road, on the understanding that the Penitentiary and the Government House Bridges would be widened; and the Joint Manager of the Madras Electric Tramway Company forwarded a Draft Tramway Order for the tram lines to be laid along the Body Guard Road and Mount Road, and requested sanction to lay the tramway track in the following roads in anticipation of the completion of widening of the Government House Bridge:—

(*a*) From Spencer's corner and along Mount Road, coupling up with the lines at W. E. Smith's corner and at the Vijianagaram fountain to the west side of Government House Bridge.

(*b*) From the east side of Government House Bridge along Body Guard lines connecting up to the existing track at General Hospital Bridge.

The Draft Tramway Order was approved by the Corporation with certain alterations at its meeting held on 15th October 1918 and was forwarded to Government on 17th October 1918 for their orders.

The Government in Memorandum No. 8354-1 M., dated 23rd January 1919, forwarded for remarks letters from the Joint Manager, Madras Electric Tramways and the Chairman of the Madras Trades Association offering certain remarks on the Draft Tramway Order.

The Corporation at its meeting held on 20th February resolved that the question of removal of congestion on the tram line by the replacement of the Chintadripet section by a line from Smith's corner along Mount Road and Body Guard Road should be settled definitely by Government before further proposals for extension are considered. The opinion of the Corporation was forwarded to Government.

Government in G. O. No. 726 M., dated 7th May 1919 and in Notification No. 441, dated 20th May 1919, published the Draft Tramway Order.

The Draft Tramway Order was approved by the Corporation with certain alterations at its meeting held on 17th June 1919 and was forwarded to Government for their orders.

The Government in G. O. No. 1107 M. Press, dated 23rd July 1919, directed the final publication in English, Tamil, Telugu and Hindustani in the

Fort St. George Gazette of the order authorising the construction of an additional tramway in the Madras City and regulating the working of such tramway.

As regards the cost to be incurred in widening the Government House and Penitentiary Bridges necessitated by this new alignment of the tramway, the Corporation at its meeting of 20th November 1917 already resolved that the Tramway Company, the Madras Corporation and the Government should pay the same in the proportion of one-third each. This resolution together with the letter from the Tramway Company declining to commit themselves beyond the maximum of Rs. 1,06,667 being a third of the cost of widening the bridges as estimated by Government in Memorandum No. 7109–M., dated 26th October 1917, was duly communicated to Government on 10th December 1917.

The Government in Memorandum No. 8–A–1 M. O. dated 5th May 1919, forwarded to the Corporation a copy of a letter, dated 22nd April 1919 of the Madras Electric Tramways (1904) Ltd., agreeing to increase their contribution towards the cost of widening the Penitentiary and Government House Bridges to one and a half lakhs and requested the Corporation to report whether it is also willing to similarly increase its contribution to a lakh and a half on the understanding that the Government will meet the balance of expenditure on the widening of the bridges, the cost of which was estimated at Rs. 5·71 lakhs.

The Corporation at its meeting held on 25th June 1919 resolved to contribute Rs. 1,50,000 towards the cost of widening the bridges and this was communicated to Government on 4th July 1919.

Resolutions.

12. The following are among the more important resolutions passed by the Council during the year under review :—

(1) *Transfer of Rayapettah Hospital to Government.*—Government in their Memorandum No, 47-1 Medical dated 22nd January 1919 informed the Corporation that if the Rayapettah Hospital be transferred to Government, the Corporation would be relieved of an expenditure of two-thirds of the cost of its maintenance, i.e., Rs. 36,000 and that if this amount was capitalised it would amount to a grant of Rs. 7·20 lakhs and requested a report as to whether the Corporation was prepared to make over the hospital to Government for 3 lakhs of rupees on the understanding that the money would be employed on medical purposes, viz., the provision of an infectious diseases hospital in Madras. The Corporation considered the question at its meeting held on 20th February 1919 and passed the following resolution:—

" That the President be requested to address the Government stating that the Corporation is prepared to hand over the Rayapettah hospital, provided it be

re-imbursed the value of construction and improvement as well as equipment, and that the Corporation be relieved of the maintenance and expense in respect of the hospital, a valuation statement of building, equipment, etc., being made before the next meeting of the Corporation for consideration."

This resolution was communicated to Government.

The Corporation Engineer furnished the following valuation of the Rayapettah Hospital buildings (excluding medical equipment to the Hospital)—

Buildings	...	Rs. 3,30,000
Land	...	Rs. 1.00,000

Lt. Col. R. Bryson valued the cost of furniture, etc., of the hospital roughly at Rs 25,000 excluding drugs.

On the basis of the estimates furnished by the City Engineer, Government Public Works Department and the Surgeon in-charge, the Corporation at its meeting held on 25th June 1919 resolved to hand over the Rayapettah Hospital to Government for a sum of Rs. 3,75,000 and to earmark the sum so realised for the construction of an Infectious Diseases Hospital. The hospital was accordingly transferred to Government with effect from 1st October 1919. Building with its equipments was formally transferred to Government by a deed of conveyance executed by the Corporation on 4th October 1919.

A sum of Rs. 3,75,000, was received from Government on 27th October 1919.

(2) *Eligibility of Corporation servants for seconded service under Government.*—With reference to Government Memorandum No. 1156-1 Medical, dated 8th May 1919 requesting the views of the Corporation on the proposal of the Surgeon-General with the Government of Madras to combine pensionable service under the Corporation with pensionable service under Government the Corporation at its meeting held on 25th June 1919 unanimously accepted that its servants should be eligible for seconded service under Government.

This was duly communicated to Government.

The Government in their Memoradum No. 2382-1 Medical, dated 4th October 1919 pointed out that what was intended was that Government should undertake to bear, under rule 1 of Article 801 of the Civil Service Regulations, a proportionate share of the pension ultimately payable from Municipal funds to those medical men who are employed in the Corporation service and transferred here after, temporarily or permanently, to service under Government, and that the proposed transfer to be restricted to subordinates who are private medical men.

The Corporation at its meeting held on 18th November 1919 declined to accept the proposal of Government.

The resolution was duly communicated to Government.

(3). *Application of the Civil Service regulations to the Corporation Establishment* :—The Corporation at its meeting held on 12th January 1920 approved the proposal that the provisions of the Civil Service Regulations should apply to the Corporation establishment including the officers appointed under sections 85, 86, 87 and 89 and that subject to the provisions of sections 86, 88 and 94 the Commissioner, the Standing Committee, the Council and the Local Government shall be the corresponding authority to the Head of a Department, the Local Government, the Government of India and the Secretary of State respectively.

The sanction of Government was not received during the year under report to this proposal. It was, however, since been received.

(4). *Indian Reform* :—The Corporation in considering the Government Report on Indian Reform passed the following resolution at its meeting held on 12th January 1920:—

" On behalf of the citizens of Madras, this Corporation most respectfully offer their sincerest gratitude to his Imperial Majesty the King Emperor for his Royal Proclamation of the 23rd December 1919 to the People of India and also convey their heartfelt thanks to the Right Hon'ble Mr. Montague and Lord Sinha for their valuable services in connection with the Indian Reforms."

(5). *Sale of rice to menials on labour.*—With a view to relieve the economic distress prevailing in the country the Corporation at its meeting held on 16th March 1920 resolved to purchase rice locally for sale to menials on labour (monthly wages) at a rate of 4½ measures per rupee as a temporary measure which still continues.

(6). *Legislation for the prevention of Juvenile smoking* :—The Government Memorandum No. 7441-1 M, dated 21st November 1919 forwarded a copy of discussion at the meeting of the Legislative Council, dated 19th March 1919, on a resolution on the subject of the prevention of juvenile smoking and requested that if the Corporation desire any special legislation in regard to juvenile smoking, their views may be furnished to the Government at a very early date. The Corporation at its meeting held on 20th March 1920 decided to refer the subject to the Health and Education Committees for consideration and report.

The Corporation at its meeting held on 20th April 1920 approved the recommendation of the Standing Committee (Health) and Standing Committee (Education) that legislation to control juvenile smoking was necessary.

The resolution of the Corporation was duly communicated to Government.

(7) *Working Men's Canteen at Parthasarathy Kuppam* :—With reference to Government Memorandum No. 7323-1 M., dated 20th November 1919 forwarding a copy of the reference of the Board of Revenue, Separate Revenue, submitting proposals for the Working Men's Canteen at Parthasarathy, Kuppam, Triplicane, and enquiring whether the Corporation is willing to

undertake the scheme from its own funds or give it any support, the Corporation at its meeting held on 20th March 1920 passed the following resolution "The Corporation while regretting its inability to contribute at present to the cost of a Working Men's Club is of opinion that it is most desirable that such clubs should be found and maintained in various parts of the City".

The resolution was duly communicated to Government.

(8) *Rajah Sir Ramaswami Mudaliar Lying-in-Hospital.*—In view of the present policy of the Government of taking over headquarter hospitals, the Corporation resolved at its meeting held on 29th March 1920 to request the Government to take over Rajah Sir Ramaswami Mudaliar's Lying-in-hospital at Royapuram, with a view to effect a saving of Rs. 20,000 a year and over, which is now being spent by the Corporation on it.

The resolution was duly communicated to the Government and the decision of Government is awaited.

(9) *Revision of Corporation Establishments.*—The Corporation at its meeting held on 21st May 1918 approved a proposal to place M. R. Ry. S. Dandapani Aiyar Avargal on special duty for a period of three months in connection with the revision of the establishment of the various departments of the Corporation. No report was however submitted by Mr. Dandapani Aiyar on this matter but his suggestions on routine matters were approved by the then President (Mr. J. C. Molony).

Meanwhile Mr. Burkitt assumed charge of the office of the Commissioner. He undertook this work in connection with the Budget Estimate for 1920-21.

The Standing Committee at their meeting dated 10th December 1919 deputed M. R. Ry. N. C. Rajagopalachariar Avargal and Md. Usman Sahib Bahadur to go through the details with the President.

The President in consultation with the sub-committee framed a scheme for the revision of the establishment and placed it before the Standing Committee.

The Standing Committee on the 3rd February 1920 approved the scheme with slight modifications. The New Council at its meeting dated 28th February 1920 resolved to refer back the Budget with the proposition statement to the Standing Committee for further consideration with the recommendation, amongst others that in fixing the pay of the Establishment the principles laid down in G. O. No. 146, dated 18th February 1920, should be adhered to as far as possible in consultation with the newly created Standing Committees.

The Standing Committee (Taxation and Finance) in consultation with the Standing Committee (Works) at their meeting dated 6th March 1920 recom-

mended that all employees in superior service in receipt of a salary of Rs. 90 and less should be granted an increase of Rs. 10 per mensem subject to a minimum of Rs. 35 and those drawing between Rs. 90 and 100 to receive a salary of Rs. 100. The minimum pay of employees on the inferior establishment was determined at Rs. 15.

The Corporation approved the recommendations of the Standing Committees at the their meeting held on 29th March 1920 and also granted a temporary increase of Rs. 15 to the Inspector of Taxes and assessors of the Revenue Department.

(10) *Water-supply to the Madras City.*– The Committee appointed by Government in G. O. No. 1576–M., dated 15th September 1917 to inspect and report on the Madras Waterworks and the City water-supply generally submitted a report on the subject. The Government in Memorandum No 4303/1. M. dated 20th July 1918, forwarded the report of the Committee to the Corporation with the request that it should report what steps it proposed to take on the recommendations of the committee. The Special Engineer also submitted a note on the report of the committee. The Corporation by whom the whole matter was considered on 26th November 1918 passed the following resolution:–

" The Corporation after considering the various defects in the waterworks as disclosed in the report of the waterworks committee, some of which are stated to have arisen from the unauthorised deviations from the sanctioned designs and in view of the highly technical points involved in the consideration of some important portions thereof, the Corporation resolved to refer the committee's report (together with the Special Engineer's reply thereto and the remarks of the Commissioners) to the Government for such action as they may consider necessary after consulting the Sanitary Commissioner to the Government of India or other high authority ".

The resolution was duly communicated to Government and Government in G. O. No. 546 M. Press, dated 22nd April 1920, forwarded a copy of the Memorandum framed by Major Morrison with regard to the water supply to the city and communicated the further steps which the Corporation has to undertake in regard to its improvement. The matter is receiving the attention of the Corporation

Revenue Administration.

13. The current Revenue under Profession tax, combined Property taxes and tax on Vehicles and Animals exceeded that of the previous year by Rs. 2,68,059-1-7 of which Rs. 81,311-11-7 was from property tax, Rs. 1,66,465-8-0 was from Profession tax and Rs. 20,281-14-0 from Vehicle and Animal tax.

14. The number of warrants issued in the year under report was 192.

There were 32 appeals against assessments under Property tax in which the parties were not satisfied with the order of the Commissioner. They were placed before the Standing Committee and were disposed of by them on 7-8-20. Besides these one case under Profession was also disposed of by them on the same date.

Finance.

Capital Account.

15. The year opened with a balance of Rs. 5,17,947-0-11. The Corporation received a free grant of Rs. 5,00,000 from Government for improvement of water-supply and drainage. A sum of Rs. 3,75,000 was received from Government for the Royapettah Hospital buildings and appliances which were taken over by them from the Corporation. Rs. 15,513-5-7 was realised by the sale of materials of the Guzili bazaar buildings which were damaged by the fire and Rs. 8,679-3-2 as interest on investment of surplus funds. The amount recovered on account of advances made in the previous years was Rs. 35-11-3 and that transferred from the revenue account out of the Government grants to meet the expenditure incurred on construction of certain permanent buildings was Rs. 6,360. The total receipts inclusive of the opening balance amounted to Rs. 14,23,535-4-11. The amount spent on construction of buildings was Rs. 53,043-2-4 and that on improvement of water-supply and drainage Rs. 8,01,109-1-11 including a sum of Rs. 4,79,250-0-0 held in England for the payment of the cost of pumping machinery and plant. The expenditure on extension of electric lighting was Rs. 1,40,487-8-0. The total expenditure thus amounted to Rs. 9,94,639-12-3. The cost of extension of electric lighting and of construction of certain permanent buildings amounting in all to Rs. 1,83,709-2-1 was met from the sale proceeds of the Royapettah Hospital buildings and it will be repaid in 1920-21 from the revenue account. The balance left at the close of the year was Rs. 4,28,895-8-8, of which Rs. 1,12,711-7-1 relate to the water and drainage fund and the rest to buildings.

Revenue Account.

16. The balance at the beginning of the year was Rs. 5,71,200-9-11 as compared with Rs. 8,77,997-1-0 in the previous year. The revenue from all sourc b

exclusive of special grants to the extent of Rs. 1,02,000 from Government and from a private individual amounted to Rs. 37,38, 409-8-0 against Rs. 34,83,595-13-10 in 1918-19, thus showing an increase of Rs. 2,54,813-10-2. Towards this income Municipal taxes contributed Rs. 26,94,152-5-2 and Municipal fees and miscellaneous receipts Rs. 10,44,256-2-10 as compared with Rs. 24,95,635-4-7 and Rs. 9,87,960-9-3 respectively in the previous year. The total expenditure amounted to Rs. 42,67,523-5-8 against an estimate of Rs. 42,28,140 and against the actuals of Rs. 39,10,642-4-11 in 1918-19. The balance left at the close of the year was Rs. 1,44,086-12-3.

Tax on Companies & Profession Tax.

Current.

17. During the second half year of 1919-20 the assessments were revised with reference to the new schedule of rates prescribed in the Madras City Municipal Act IV of 1919 with the result that the gross current demand rose from Rs. 2,12,602-8-0 in 1918-19 to Rs. 3,79,068 in the year under report.

There were no reductions or remissions.

The current collections of the year amounted to Rs. 3,59,298-6-6 against Rs. 2,11,197-8-0 in the previous year. The balance left uncollected at the end of the year was Rs. 19,769-9-6. Of this Rs. 15,500-1-6 has since been collected. The percentage of collection to demand was 94·78.

Arrear.

18. At the beginning of the year the arrear demand stood at Rs. 1,487-7-0 against Rs. 3,768 in 1918-19. This rose to Rs. 3,807-7-0 on account of subsequent assessment, but was reduced to Rs. 3,454-15-0 owing to remissions and reductions on appeal. The net arrear demand stood at Rs. 3,454-15-0. Of this Rs. 3,184-15-0 was collected during the year and Rs. 10 was written off by the Standing Committee as irrecoverable. The balance left uncollected was Rs. 260-0-0. The percentage of collection to demand was 92·18.

Property Tax.

Current.

19. The gross current demand under this head amounted to Rs. 21,86,647-7-10 against Rs. 21,05,335-12-3 in the preceding year.

The net increase of Rs. 81,311-11-7 over the demand of the previous year, after allowing a deduction of 10 per cent. for repairs, etc., under Section 100 (2) of the new Act was due to revision of assessments and it includes a sum of Rs. 38,399 collected from the Port Trust, newly brought to taxation under the present Act.

20. 32 appeals were preferred against those enhancements of assessments against 14 in the previous year. These appeals have since been disposed of by the Standing Committee.

The net increase after making up the 10 per cent reduction for repairs was Rs. 81,311–11–7 as against Rs. 1,50,392–2–3 in the preceding year and the net demand amounted to Rs. 21,86,647–7–10 as against Rs. 21,05,100–7–1 in the previous year.

21. The net collections amounted to Rs. 20,66,198–5–7 as against Rs. 20,39,906-1-8 in the previous year. A sum of Rs. 12,972-5-11 was remitted on account of vacancy and other causes under Section 105 (1) as against Rs. 13,016–0–3 in the preceding year The balance outstanding at the end of the year was Rs. 1,07,476–12–4 The percentage of collection to demand was 94·49. The fall in the percentage was due to extraordinary pressure of work brought on by the introduction of the new Act, in the middle of the year, in connection with the preparation of the Electoral Roll, General Elections and redistribution of the City into thirty divisions.

Only 158 warrants were issued during the year. The incidence of taxation per head of population was Rs. 4–3–5 against Rs. 4–0–11 in the previous year. The total current demand, collection and balance under the combined property tax as compared with the corresponding figures for the previous two years are exhibited in Appendix. I, Table I.

Arrear.

22. The arrear balance at the beginning of the year was Rs. 57,003–3–10 which by subsequent amendments came to Rs. 58,333-9-5. Of this demand, a sum of Rs. 50,967-10-11 was realised during the year and Rs. 821-12-3 was remitted on account of vacancy and other causes. The balance left outstanding at the end of the year was Rs. 6,544–2–3. The percentage of collection to demand was 87·39 against 85·81 in the previous year. The total demand, collection, remission and balance under arrears as compared with the corresponding figures for the previous two years are shown in Appendix I, Table II.

The details relating to each of the combined property taxes dealt with above, Viz., House, water and drainage and lighting taxes are exhibited separately in Appendix I Statements III A. and III B.

Tax on Carriages & Animals under Section 116.

Current.

23. The net demand under this tax amounted to Rs. 1,40,784–10–0 against Rs. 1,20,502–12–0 in the preceding year.

Appendix I, Table 3, compares the numbers of vehicles and animals assessed for the year under the several classes of Schedule IV, Part III of the Act, with the corresponding figures for the previous year.

24. The current collection samounted to Rs. 1,29,961-0-0 which included Rs. 9,724 received in advance for the ensuing year. The net collections for the year amount to Rs. 1,20,237-8-0 which together with Rs. 7,174-0-0 prepaid in the previous year for the year under report amounted to Rs. 1,27,411-8-0 against an estimate of Rs. 1,27,800-0-0. The balance left uncollected at the close of the year was Rs. 13,373-2-0 and of this Rs. 3,333-0-0 has since been collected.

Arrear.

25. The arrear demand at the beginning of the year for vehicles and animals was Rs, 6,027-0-9 which by subsequent amendments and additions rose to Rs. 7,207-0-9. Of this, assessments amounting to Rs. 1,886-10-0 were found on investigation to be erroneous and were cancelled. The actual demand thus stood at Rs. 5,320-6-9. Of this, Rs. 3,896-14-0 was collected and Rs. 2-10-9 was written off leaving a balance of Rs. 1,420-14-0 at the close of the year. The percentage of collections to demand was 70·17 for vehicles and 82·89 for animals against 91·22 and 91·06 respectively in the previous year.

Tax on Carts and other Vehicles Without Springs, under Section 124

Current.

26. The demand under this tax amounted to Rs. 39,504 as against Rs. 34,332 in the previous year. The number of carts voluntarily offered for registration was 8,726 against 8,702 in the previous year and the number seized under Section 127 for non-registration fell from 2,742 to 2,578. Of the 2,578 carts seized, 2,565 were released on payment and only 13 carts remained for disposal at the close of the year.

27. The current collections inclusive of Rs. 1,804 received in advance for the ensuing year amounted to Rs. 39,767. The net collections excluding the advance payment were Rs. 37,963 which, with Rs. 1,428 collected in the previous year towards the demand of the year under report, amounted to Rs. 39,391 against Rs. 34,209 in the preceding year. A sum of Rs. 63 was refunded as having been erroneously collected on carts stabled outside the City, leaving a balance of Rs. 50 due on the 13 carts seized and awaiting disposal at the close of the year. The percentage of collections to the demand was 99·71 as against 99·64 in 1918-19.

Arrear.

28. The arrear demand at the beginning of the year was Rs. 34 which by subsequent amendments rose to Rs. 91. Of this, Rs. 72 was collected leaving a

balance of Rs. 19 being the tax on 5 carts seized and awaiting disposal at the close of the year and the difference between the taxes payable and the amount realized by sale in the case of 5 carts.

Tolls on Vehicles and Animals entering Municipal Limits.

29. The right of collecting tolls was sold by public auction for Rs. 51,600 as against Rs. 55,000 in theprevious year. The amount was fully recovered during the year.

Revenue derived from Municipal Property and Powers apart from Taxation.

Current.

30. *Rents of lands and buildings*:—The demand under this head was Rs. 38,374–10–3 against Rs. 38,361–6–9 in the preceding year. The collections amounted to Rs. 35,380–15–1 against Rs. 36,115–14–1 in 1918–19.

31. *Moore Market* :—The income amounted to Rs. 32,751–0–7 against an estimate of Rs. 30,000 Out of this amount, a sum of Rs. 435 was realized through the Court in the case filed against late fowl stalls contractor Abdul Mazith Khan Sahib. The increase of Rs. 2,751-0-7 is chiefly due to the enhancement of rents from the fowl and game stalls contract.

32. *Distraint Fees*:—The distraint fees realized during the year amounted to Rs. 44. There were 34 distraints made in the year against 36 in the previous year.

33. *License Fees on Timber and Firewood.*—The gross collections under this head amounted to Rs. 1,83,998–15–9 which includes a sum of Rs. 3,109–0–8 relating to the previous year paid by the collecting agencies during the year under report and excludes Rs. 2,083–15–3 being fees levied and received by the collecting agencies for March 1920 but not remitted to this office till after the close of the year. The corresponding gross collection for 1918–19 amounted to Rs. 1,90,418–9–0.

Refunds of fees on exports granted during the year amounted to Rs. 20,164–0–6 against Rs. 16,998–4–3 in the previous year. The net collections for the year stood at Rs. 1,63,834–15–3 against an estimate of Rs. 1 40,000.

In addition to the refund of Rs. 20,164 paid from the current collections on account of timber exported from imports made during the year, a sum of Rs. 29,075–7–4 was refunded from collections of previous years under the head of "Refund of other than current collections."

34. *Grass Farm, Tondiarpet.*–The farm was worked departmentally and the total receipts from all sources amounted to Rs. 57,699-2-8 against Rs. 55,118-12-9 in the previous year. There was a balance of Rs. 3,251-14-3 left uncollected at the end of the year, of which a sum of Rs. 1,103-14-3 was for grass supplied to consumers which has since been collected. The balance of Rs. 2,148 was due by the Toddy Contractor who did not pay the amount pending settlement of a claim he preferred against theCorporation for compensation for loss sustained by him owing to failure to supply him with sewage for the irrigation of certain groves of cocoanut and palmyra trees leased to him, due to the construction of an Out-fall sewer at the southern end of the farm for the conveyance of the sewage into the sea. The Standing Committee (Taxation and Finance) subsequently sanctioned the grant of Rs. 1,346 to him which was not paid but was adjusted against the above sum due by him. The total receipts from the farm may therefore be placed at Rs. 60,149-0-11. Consequent on the construction of the Out-fall sewer referred to above, the irrigation of the farm was ordered to be stopped from the southern limit to a distance of 1500 feet northwards, with the channel as the western boundary and a straight line thence to the sea. The plot enclosed in this space was not irrigated for about 10 months and there was a loss of about Rs.8,000 in the outturn in consequence.

Owing to economic distress cattle grazers found it difficult to keep their cattle, and trespass again increased this year with the result that 187 cattle were seized and sent to the pound against 83 in the previous year. The following prosecutions were instituted during the year in connection with cattle trespass and theft of grass.

4 women for stealing grass—Convicted and fined Re. 1 each or 6 hours imprisonment.

3 men for trespass and assault—Convicted and fined Rs. 25 each. In addition one was sentenced to 4months rigorous imprisonment and the other two to 3 months each.

During the year there was no erosion of the sea curtailing the farm as in past years, and the area irrigable stood at 101 cawnies 22 grounds and 1287 sq. ft. as at the end of the last year.

The total expenditure on the maintenance of the farm amounted to Rs. 39,833-12-2 against Rs. 35,112-11-5 in the previous year. The increase in the cost was due to the wages of the coolies having been raised on account of dearness of provisions.

35. *Private Markets.*—There were 42 markets in the City and the license fee collections amounted to Rs. 3,600 against Rs. 3,800 in the previous year. One cattle market was proposed to be opened in Strahans Road close to a similar one existing in the locality and it was not allowed.

36. *Fees for Licenses, Registration, etc.*—The fees collected under this head amounted to Rs. 81,698 as detailed in Table No. 22, Appendix II, against Rs. 180,902-4-0 in the previous year.

As in previous years care was taken to see that sanitary conditions as required by the bylaws were enforced on licensees. In doing so a general policy was adopted to refuse licenses outright in cases in which the conditions imposed in the previous year's licenses were not carried out. The fees which were in force under the old Act III of 1904 up to 30th September 1919 continued to be so under the New Act IV of 1919 till the 31st March 1920.

37. *Interest on Investment*:—A sum of Rs. 1,523-8-0 was realised as interest on the securities in favour of Raja Sir Ramaswami Mudaliar Maternity Hospital The interest derived from investment of the surplus funds amounted to Rs. 10,849–0–2 under the revenue and capital accounts put together as compared with Rs. 19,479–6–11 in 1918–19.

38. *Grants and Contributions*:—Rs. 6,42,101 as detailed below were received by the Corporation as grants and contributions during the year :—

(1) Rs. 20,000 from Government for the maintenance of the Mount and Poonamallee Roads ;

(2) Rs. 4,219 from Government for the repair of the bridges over the Cooum and Buckingham Canal ;

(3) Rs. 2,000 from Government towards the Zoological collections in the People's Park.

(4) Rs. 13,607 from Government towards compensation for withholding sanction for the issue of licenses by the Corporation for places used for the sale of spirituous and intoxicating liquors ;

(5) Rs. 275 from Government for the payment of batta to pregnant women in Raja Sir Ramaswami Mudaliar Maternity Hospital ;

(6) A free grant of Rs. 5,00,000 from Government for the improvement of water-supply and drainage ;

(7) A special grant of Rs. 1,00,000 from Government for sanitary works ;

(8) A special grant of Rs. 2,000 from M. R. Ry. Rao Bahadur T. Rangachariar Avargal for constructing a reading room in the Model play ground at Egmore.

With the exception of Nos. 6, 7 and 8, all are recurring grants.

39. *Payment for water supplied for non-domestic purposes*:—

(a) *Current.*—The demand under this head amounted to Rs. 2,89,736-14-4 as against Rs. 1,93,454-15-8 in the previous year. Current collections came to Rs. 2,83,550-8-4 as against Rs. 1,89,396-4-2 last year. Rs. 6,186-6-0 were outstanding at the end of the year as against Rs. 3,922-14-10 in the previous year.

(b) *Arrears*—The arrear outstanding at the beginning of the year was Rs. 3,922-14-10, which was fully collected during the year.

General Incidence of Taxation.

40. The incidence of taxation per head of population under all taxes including tolls was Rs. 5-3-1 against Rs. 4-12-11 in the previous year. Excluding t olls, the incidence was Rs. 5-1-6 aganist Rs. 4-11-4 in 1918-19.

Advances.

41. At the beginning of the year, a sum of Rs. 1,96,443-6-8 was outstanding of which permanent advances held by the several officers of the Corporation amounted to Rs. 1,14,610 and miscellaneous advances to Rs. 81,833-6-8. The "Permanent Advances" are represented almost entirely by the money invested in the stock at the Corporation Stores and the "Miscellaneous Advances" include payments made on account, amounts for which bills have been sent out, amounts paid in advance or in deposit but awaiting adjustment. During the year, permanent advances amounting to Rs. 153 and miscellaneous advances to Rs. 61,825-3-6 were adjusted and fresh advances were made to the extent of Rs. 110 "Permanent" and Rs. 4,97,231-6-9 "Miscellaneous". The advances outstanding at the close of the year were thus Rs. 1,14,567 under "Permanent" and Rs. 5,17,239-9-11 under "Miscellaneous" or Rs. 6,31,806-9-11 in the aggregate against Rs. 1,96,443-6-8 at the end of the previous year.

EXPENDITURE.

Grant I—(Public Works.)

Communications.

New Works.

42. Out of Rs. 61,500 provided in the Revised Estimate under the above head, Rs. 46,945 were spent on the following important works :—

(1) Roads were raised near the approaches to the culvert at the junction of Kanda Pillai Street, Subraya Gramani Street and Venkatachala Pillai Street.

(2) Lands were acquired for the improvement of roads and streets at the places noted below :—

(a) In R. S. No. 2340 of Triplicane for widening Venkatesa Naick Street, 27th Division.

(b) In R. S. No. 1633 of Egmore for rounding off the corner of Victoria Crescent junction of Commander-in-Chief Road.

(c) In R. S. Nos. 272 and 274 of Triplicane for connecting Byramjung Bahadur Street with Mount Road.

(d) In R. S. No. 8846 of Georgetown for widening Hanumantharayan Koil Street.

(e) Land in R. S. No. 47 of Purasawalkam for rounding off the corner at the junction of Audiappa Mudali Street with Lawders Gate Road.

(f) In R. S. Nos. 1042 (part), 1043/1 (part) and 1043/2 (part) of Egmore for widening Venkatachala Naicken Street.

(3) Culverts at the junction of (1) Subba Nayudu Street and Avadanam Paupier Road, and (2) Krishnan Koil Lane and Avadanam Paupier Road, were constructed during the year.

(4) A side channel along Thiruvengada Mudali Street was constructed.

(5) Besides the cost on above works, the expenditure under this head includes Rs. 25,000 being the first contribution paid to Government towards the widening of bridges near the Government House and the Penitentiary, for Tramways, as approved in G. O. No. 1095 W., dated 22nd August 1919.

The decrease in expenditure is due to payment not having been made for acquisition of land for widening Jani Jan Khan Bahadur Street and also to certain other works completed but claims not preferred within the year.

43. *Private Streets.*—The private streets going by the name of Bashyam Reddi 1st, 2nd & 3rd streets, measuring 850 ft., 850 feet and 650 feet respectively in 16th Division were acquired by the Corporation at a cost of Rs. 1,900 for use as public streets.

Under Section 246 of the Old Act, Makthoom Sherif Street, was taken over and declared public during the year. Under the New Act (Section 219) Muzafer Jung Bahadur Street (R. S. No. 1035 of Triplicane) and Pallappan Street (R. S. No. 1363 of Triplicane) were declared as public.

In addition, Nowroji Road (Length 1422 feet) in 22nd Division was handed over to the Corporation during the year for maintenance.

Lands in R. S. No. 332 of Tondiarpet east of Thandavamoorthi Chetty Street, 1st Division were alienated by Government for forming a main street and 2 cross streets measuring 435 feet in length.

Repairs.

44. The total expenditure incurred for the reform of roads including tar and asphalt, cost of departmental quarrying and completion of the tar-macadam plant, maintenance of bridges, culverts, etc., was Rs. 4,39,618 against the Revised Estimate of Rs. 4,50,260.

During the year under review, the scheme of departmental quarrying and supply was inaugurated and has proved a success. A siding was laid at Periamet Depot by the South Indian Railway and handed over to the Corporation in March 1920. The following table shows the quantity of blue metal received, its freight and unloading charges incurred and number of trucks availed of, etc.

Period of supply	No. of trucks of metal received.	Quantity of metal in c. ft.	Freight Charges.	Unloading charges.	Remarks.
1919–20.			Rs. A. P.	Rs. A. P.	
From 5th May 1919 to 31st March 1920.	2,932	4,19,419	23,269–2–0	3,116–9–3	Blue metal
		11,341			Gravel.

The rate per 100 c. ft. of blue metal works out to about Rs. 16 at the Periamet siding during the year.

45. *Reform and repair of roads.*—Two miles 1 furlong and 62⅓ yards of unmetalled roads were metalled for the first time. The number of squares (100 sq. ft.) laid in the reform of roads was 37,840·44 which corresponds to 35·83 miles of roads 20 feet wide. (Vide Table 19, Appendix II.)

The quantity of materials used in reform and in patching of roads was as follows :—

Particulars.	Blue Granite.	Velacheri Granite.	Laterite.
	c. ft.	c. ft.	c. ft.
Reform 1919–20.	4,04,060	2,27,469	3,31,706
,, 1918–19.	6,36,585	1,54,618	4,34,683
Patch 1919–20.	1,69,493	67,010	1,35,410
,, 1918–19.	81,207	3,218	47,574

The cost of reform including materials, carting and laying but exclusive of rolling was Rs. 1,24,815. The 35·83 miles of roads reformed cost Rs. 3,483 per mile as against Rs. 3,955 in 1918–19. The areas of roads of different thickness reformed with granite are as follows, the figures being squares in each case.

	6″	4″	3″	2″
1919–20.	225	3,675·52	16,813·82	4,985·90
1918–19.	744	4,325·00	21,278·00	4,532·00

46. *Tarring roads.*—The length of roads tarred for the first time during the year was 2 miles 156⅔ yards and that of roads re-tarred was 2 miles 2 furlongs and 47⅓ yards. aggregating to a total length of 4 miles 2 furlongs and 204 yards. At the end of the year, the total length of tarred roads in the city was 12 miles and 140⅔ yards.

47. *Bridges and Culverts* :—The bridges at the following places were repaired during the year :—

(1) General Hospital Bridge.

(2) Sunkuwar Street Bridge.

(3) Foot bridge on the Buckingham Canal in Parthasarathy Kuppam.

(4) College and Munro Bridges.

(5) Adyar Bridge.

and also minor repairs to about 11 bridges were also effected during the year. Scraping and cement plastering of the bottom girders of the Napier Bridge and painting the same with "Cuirass" paint was in progress at the end of the year.

The culvert in Mandapam Road and 2 more in D'Costa Road were extended and certain minor repairs to eleven culverts in Ennore Road and one in 21st Division were made during the year.

Buildings.

New Works and Repairs

48. The following table shows the provision made under this head in the Revised Estimate and the expenditure incurred during the year:—

Particulars.	Revised Estimate.	Expenditure
	Rs.	Rs.
1. Revenue Funds.	1,59,050	1,22,939
2. Loan Funds	20,790	15,814
3. Government Grant.	7,300	6,360
Total...	1,87,140	1,45,113

Rs. 96,164 were spent on new works and Rs 48,949 on repairs.

New Works.

49. (1) *Model Schools*:—Two schools, one in Thiruvathiyur High Road and the other in Oobrapalayam, reported to have been under progress last year were completed during the year. Two more schools, one at the Harbour site and the other at the site of old Slaughter House in Mirsahibpet, were commenced at the end of the year and are now in progress. A manual training class was constructed for the Edapaliam Model School at a cost of Rs. 1,887.

(2) (a) *Works carried out for the Health Department*:—(a) Constructing a compound wall, platform, etc., for a lorry-loading station at Vasapmode, reported to have been under progress last year, was completed, and the construction of a lorry-loading station at Appavoo Gramany Street for which land was acquired last year, was well advanced at the end of the year.

(b) A laboratory behind Ripon Buildings at a cost of Rs. 9,400 was nearing completion at the end of the year.

(c) *Latrines.*—Flush-out latrines of 20 seats each in (a) Venkatarangam Pillai Street, (b) Ammen Koil Street and (c) Ebramjee Saib Street, under progress last year, were completed during the year.

A combined flush-out latrine of 12 seats and a urinal was constructed near the Law College Pumping Station where Military land (650 sq. feet) was acquired last year for the purpose.

Another flush-out latrine for the use of fishermen at Nochikuppam, Mylapore, was erected during the year and at Corporation Stores, a flush-out latrine of 6 seats was constructed for the use of its staff.

(d) *Cattle, cart and pail depots*:–The existing pan–tiled roof of one of the sheds in "A" depot was removed and replaced by Mangalore tiles and new teakwood scantlings. Retaining walls and mangers for five cattle sheds were provided during the year in this Depot.

Draining 'F' bullock depot and connecting it with sewer in Barber's Bridge Road, and (2) reconstructing the fallen gram depot with new iron trusses and corrugated sheets both reported to have been in progress last year, were completed.

Constructing scavengers' lines of 60 houses at Goyatope at a cost of Rs. 28,067 was under progress during the year.

(e) *Dispensary*:—A compound wall was constructed in rear of Washermanpet Dispensary.

(f) *Burial grounds*:—Eleven platforms were constructed in Washermanpet Burial Ground at a cost of Rs. 1,193 and a corrugated iron roof shed was erected at Kistnampet Burial Ground where the construction of a compound wall and a cremation platform was under progress at the end of the year.

(g) *Dhobikhana*:–The construction of a dhobikhana at Robinson Park and the extensions to the existing one at Chetput reported to have been under progress last year were completed at a cost of Rs. 21,859 and Rs. 15,971 respectively during the year.

(h) *Bathing fountains*:—A bathing fountain with 6 taps was erected in Mustura Begumpettah Road, 29th Division and improvements to the existing bathing fountain at Badriah Garden Street were under progress during the year.

(3) *Other works*:—At Kilpauk, servants' godowns attached to the quarters of pumping station staff were completed and the overseers' quarters were under progress at the end of the year.

A shed was erected for storing petrol at Corporation workshop.

50. *Repairs*:–Details of repairs and improvements to Municipal buildings and the cost of such works are shown in Appendix I, Statement II. A. Part II.

Water-supply and Drainage—Special Works Department.

51. The total expenditure on the new Water and Drainage works up to 31st March 1920, was as follows :—

Waterworks	...	Rs. 55,72,896
Drainage (sewerage)	...	„ 48,33,486
Drainage (Stormwater and anti-malaria)		„ 3,72,074
	Total	Rs. 1,07,78,456

The value of work executed during the year 1919-20 was as follows :—

Waterworks	...	Rs. 6,247
Drainage (sewerage)	...	„ 3,15,601
Drainage (Stormwater and anti-malaria)		„ 96,775
	Total	Rs. 4,18,623

52. The value of work executed during the year under review is less than has been the case for a number of years. The principal reasons are :—

(1) The Waterworks Restricted Programme has been practically completed, additional expenditure being met mainly by the sale of old pipes.

(2) It has been impossible to obtain plant and materials from abroad. In consequence, the only stoneware pipe sewers laid were those sizes for which pipes could be obtained in India, that is, only the smaller sizes.

(3) The absence of Special Engineer and of his Chief Assistant on leave. The Special Engineer was away from April 7th to October 14th 1919, and the Senior Assistant left on November 26th and had not returned at the end of the year. This absence of the Chief Engineers, when the staff was already at a minimum, necessarily affected the amount of work done, as the engineer in charge had to devote all his attention to the works already in hand and had little time to get out designs for fresh work. This has been particularly marked in the case of the anti-malaria

and stormwater drainage works, and in the detailed reconsideration of the drainage of some areas, which the Special Engineer is anxious to carry out.

Another factor has been the uncertainty as to the fate of the Special Works Department. This has naturally caused some of the best of the staff to seek work elsewhere, and it had been impossible to find adequate substitutes.

The most noteworthy case is that of the Chief Drainage Assistant, who has been appointed Drainage Executive Engineer to the Calcutta Corporation, and gives as his reason for leaving, that the great uncertainty as to the continuance of the Special Works Department made him feel that he could not let pass an opportunity to obtain a permanent post.

Before proceeding on leave, the Special Engineer in his report, dated 5th April 1919, pointed out that, war being over, it became a matter of necessity to survey the water and drainage works with a view to drawing up a definite programme of work to remedy the seriously insanitary conditions which exist. On this the Government requested the Corporation to report in due course whether it proposes to take up the comprehensive schemes for the water-supply and drainage of the city after the Restricted Programme is completed, and, if so, how the schemes are to be financed

The Special Engineer submitted a printed note on the subject in November 1919. This was considered by the Corporation at a meeting held on 24th February 1920 when it was resolved :—" The Corporation authorises the President to inform the Government that it will bear a third of the cost of the Comprehensive Scheme, if the balance would be provided by the Government and the Government are satisfied with the soundness of the scheme as a Scientific Scheme of drainage." The Government have since offered to bear half the cost of the comprehensive scheme. The Corporation have also agreed to proceed with the comprehensive scheme.

Water works.

53. A sum of Rs. 20,910 was provided in the budget for the extension of water-supply in accordance with the Special Engineer's general scheme. The pipe laying has been carried out throughout the year by the Works Department. The net cost has been very small owing to the amounts obtained by the sale of old scrap iron, etc.

At the filter beds, three new sand washers of the Special Engineer's design were erected and have proved thoroughly satisfactory. A fourth is in process of erection.

54. The practice of adding unfiltered water to the filtered water has been continued. No orders have yet been received on the report submitted by Major W.A. Justice and Mr. Hutton and the note prepared by the Special Engineer thereon. The Surgeon-General, accompanied by Major Cunningham and Major Morrison, Specialists in water purification, made a careful and detailed inspection of the works inFebruary 1920. [N. B. Government orders have been received since the end of the year.]

In anticipation of the approval of the Special Engineer's proposal to construct 7 additional filter beds, and of Government financial assistance for that work, preliminary operations have been started. Owing to the difficulty in obtaining carts and the high prices of everything, the Special Engineer has carefully revised the design for filter beds with a view to rendering available local materials that can be otained or manufactured on the ground. Brick making has been put in hand, the moulding of concrete blocks has been started. The ground has been cleared and 1,19,000 c. ft. of earth have been excavated.

55. The question of raising the top water level of the Red Hills Lake has not yet been settled, but from Government Memorandum No. 1,633-1 M., dated 4th March 1920, it appears likely that the Government will, at an early date, construct works to raise the F. T. L. of the Tank and also the draw-off level for Irrigation by 1½ feet. This work which was strongly recommended by the Special Engineer as long ago as 1911, and has since been frequently pressed by him, should be of material service in diminishing the likelihood of a water famine in the case of a failure of the monsoon.

Drainage Works.

56. The failure of Messrs. Richardson & Cruddas to supply stoneware pipes has continued. Eventually on 19th August 1919 the Corporation determined the contract. Tenders for the pipes undelivered under their contract (M & M No. 18) were called by advertisement, but no offers were received. From enquiries, it has been found that firms in England are not at present in a position to supply owing to the difficulties of labour, scarcity of fuel, and the large demand for the home market. Fortunately, it has been possible to obtain fairly satisfactory small stoneware pipes from Messrs. Burn & Co., and the Corporation has under consideration the question of placing a large order with this firm.

CORPORATION OF MADRAS—SPECIAL WORKS DEPARTMENT
DRAINAGE SECTION NAPIER PARK DRAINAGE AREA
PROGRESS PLAN OF SEWER-LAYING

NOTE.—Hatched yellow lines represent work executed up to 31-3-20.

Yellow lines represent work yet to be done under restricted programme.

Black circles show manholes and flushing shafts constructed up to 31-3-20.

Thick black lines represent existing sewers retained.

SCALE 10" TO 1 MILE

100 0 1 2 3 4 5 6 7 8 9 10

SEWERS LAID TO 31-3-20 45,079 FT.

SEWERS STILL TO BE LAID UNDER RESTRICTED PROGRAMME 640 L. FT.

J. Madeley.

M.A., M. INST. C.E., ETC.,
SPECIAL ENGINEER,
CORPORATION OF MADRAS.

CORPORATION OF MADRAS—SPECIAL WORKS DEPARTMENT

DRAINAGE SECTION—PURASAWAKKAM DRAINAGE AREA

PROGRESS PLAN OF SEWER-LAYING

NOTE.—Hatched yellow lines represent work executed up to 31-3-20.

Yellow lines represent sewers yet to be laid under restricted programme.

Black circles show manholes and flushing shafts constructed up to 31-3-20.

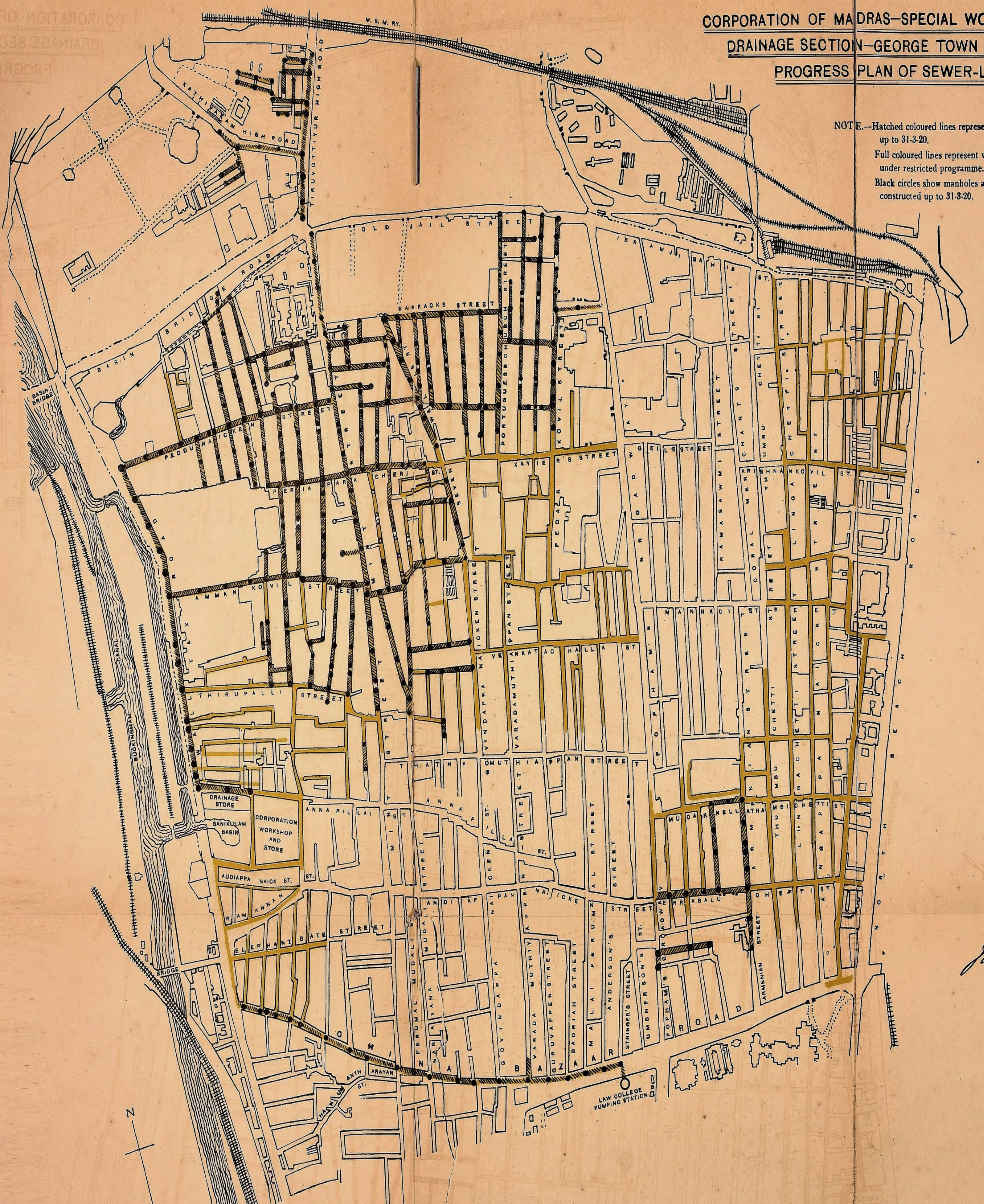
SEWERS LAID TO 31-3-20	31,320	L. FEET.
SEWERS YET TO BE LAID UNDER RESTRICTED PROGRAMME	81,070	L. FEET.
TOTAL LENGTH	112,390	L. FEET.

J. W. Madeley.

M.A., M. INST. C.E., ETC.,
SPECIAL ENGINEER,
CORPORATION OF MADRAS.

CORPORATION OF MADRAS—SPECIAL WORKS DEPARTMENT
DRAINAGE SECTION—GEORGE TOWN DRAINAGE AREA
PROGRESS PLAN OF SEWER-LAYING

NOTE.—Hatched coloured lines represent work executed up to 31-3-20.
Full coloured lines represent work yet to be done under restricted programme.
Black circles show manholes and flushing shafts constructed up to 31-3-20.



WORK COMMENCED
12TH APRIL, 1917.

SEWERS LAID TO
31-3-20
57,880 L. FT.

SEWERS STILL TO BE
LAID UNDER
RESTRICTED PROGRAMME
91,987 L. FT.

J. W. Madeley

M.A., M. INST. C.E., ETC.,
SPECIAL ENGINEER,
CORPORATION OF MADRAS.

The principal drainage works in course of construction during the year under review have been:—

(1) The pumping stations at Ice House Road, Napier Park and Purasawalkam, the completion of which is now awaiting the machinery drawings, which have not yet been supplied by the manufacturers.

(2) The completion of Napier Park Gravitation Main except for ventilating shafts.

(3) Sewer laying and house connection work in Triplicane.

(4) South Triplicane Stormwater drainage—completed.

(5) Egmore Stormwater drainage—completed.

(6) Sewer laying in west Georgetown—in progress.

(7) Purasawalkum pumping main—in progress.

(8) Purasawalkum main anti-malaria drainage channel—in progress.

(9) 24-in. Gravitation Main along China Bazaar Road—completed.

(10) Salt Depot Stormwater drainage—completed.

(11) Basin Bridge Road Stormwater drainage—in progress.

(12) Washermanpet Swamp drainage—in progress.

(13) Purasawalkum sewer laying—in progress.

(14) Outfall sewer at the Sewage Farm—completed.

(15) Ice House Road main sewers—in progress.

Works just started or are about to be put in hand are :—

(1) Stormwater drainage of Triplicane High Road area.

(2) Stormwater drainage of Ice House Road area.

Water-supply and Drainage (Ordinary)

57. (*a*) *House Drainage.*—The total number of house connections to the sewers made during the year was 110 of which 83 were carried out under Advances Recoverable and 27 under Deposit Account at a total cost of Rs. 12,687.

(*b*) *New Works.*—The following table shows the provision made under head in the Revised Estimate and the expenditure incurred during the year.

	—	Revised Estimate.	Expenditure.
		Rs.	Rs.
1.	Revenue Funds. ...	74,330	68,831
2.	Government Grants. ...	48,950	42,523
	Total. ...	1,23,280	1,11,354

The following are the important works done during the year :—

(1) 6″ sewers were laid in the following streets:—

(a) Muthukrishnan Street, Mylapore.

(b) Narayana Dasari Street, Egmore.

(c) Sannadhi Street, Mylapore.

(d) Rosary Church Lane.

(e) Mir Ashag Hussain Lane

(2) and 4″ sewers were laid in

(a) Oosram Street junction of Velayutha Chetty Street, Pudupet.

(b) Jermiah Road.

(3) A storm water separator was constructed in Thiruvengada Naick Street in Palmyrah Kuppam.

(4) 6″ open masonry side drains were constructed in Velayutham Lane, Meerali Lane, Cross Lane in Muthialpet and also in Kutti Thambiran Street.

(5) House connections to sewers in Thackers Street were completed during the year at a cost of Rs. 1,363.

58. *Repairs*:–The repairs to drains and their cost are shown in (Appendix I, Statement II A Part II).

Pumping Stations.–The cost of maintenance of the sewage pumping station including establishment, labour, etc, was Rs. 3,01,505 against Rs. 2,47,192 in the previous year.

Table No. 17 Appendix II shows the cost of pumping at the different pumping stations.

Sewer Cleaning.—The following table shows the length of sewers cleaned, obstructions removed, etc. during the year:—

Area or Locality.	Length of sewers cleaned in feet.	No. of obstructions removed.		Quantity of silt removed in c. ft.
		From sewers.	From syphons.	
Tondiarpet or New Drainage area.	39,793	5	142	13,563
City or Old Drainage area.	14,37,346	2,270	1,318	1,61,476
Total for the whole city	14,77,139	2,275	1,460	1,75,039

Besides the above silt removal, the systematic cleaning of the 13 pumping station wells in the city was continued during the year and the total quantity of silt thus removed, was 1,36,768 c. ft. as against 1,19,919 in the previous year.

New sewers handed over to Works Department:—A total length of 81,861 feet (linear) of sewers and 3418 syphons the details of which are given below were constructed by Special Works Department and handed over to the Works Department for maintenance.

Divisions.	Locality.	Length of sewers handed over.	No. of syphons handed over
		R. ft.	
10th to 12th.	Peddunaickenpet.	28,786	887
23rd	Chintadripet.	569	20
24th	West Triplicane	8,910	380
25th	East do	30,380	1,342
26th	South do	10,620	589
27th	do	2,596	200
	Total...	81,861	3,418

Water supply.

59. *Consumption of water*:—The quantity of water supplied during the year has been 5,110·1 millions of gallons which is equivalent to 26·6 gallons per head per day. The maximum average daily consumption per head in any month was 30·35 gallons in May 1919 and the minimum was 23 gallons in September 1919. During the year, the waste detection staff examined 15,935 houses and brought to notice over 1,869 defects in the services.

In addition, the pressure in the principal mains was restricted as shown below:—

Time.	Feet.
5 A. M. to 9 A. M.	45
9 „ 10 „	35
10 „ 6 P. M.	25
6 P. M. to 10 „	15
10 „ 5 A. M.	10

except in July, August and September 1919, when the pressure maintained between 10 A. M. and 6 P. M. was only 20 feet.

60. (1) *Kilpauk Pumping Station*.–The maintenance of this station including establishment, labour, etc. cost this year Rs. 1,56,336 as against Rs. 1,27,312 in the previous year, 5110·1 million gallons being pumped out this year as against 5391·9

million gallons last year. The increased cost is due to (1) purchase of coal from Chettle Holt & Co. for stock at Kilpauk (2) cost of painting elevated tank and (3) purchase of main pump valve from Home.

(2) *Training Apprentices as Water Works Overseers*.—Two men were taken on during the year. One proved unsatisfactory and was sent away, while the other is now undergoing his second year's course.

(3) *Private Water Services*.—During the year, 436 new services were laid by licensed plumbers and 3,475 were repaired, cleaned, altered or extended. Of the 436 new services, 41 were first class connections and the rest second class. The total number of house service connections in the city as stood on 31st March 1920 was 30,263. There were 45 licensed plumbers during the year. The quantity of water used in excess of free allowance on metered service was 289,736,908 gallons and the amount collected during the year was Rs. 2,87,473-7-2 as against Rs 2,01,651-5-2 in the previous year, the increase being due to the cancellation from October 1919 of the concessional rates of water charges hitherto allowed to certain hospitals and Government buildings and also to the fixing additional new meters. The rate of charge continued to be Re. 1 per 1,000 gallons during the year.

(4) *New Works*.—During the year 3,433 feet or 5 furlongs 44⅓ yards of pipes were removed, cleaned and relaid and 6,686 feet. or 1 mile 2 furlongs and 28 yards. of new mains (Table No. 18 Appendix II) were laid as against 1,967½ feet in the previous year. 11 valves 38 stop cocks 11 hydrants and 96 meters were also fixed. The total expenditure under this head was Rs. 16,818 against Revised Estimate of Rs. 45,000.

There were 1,436 fountains, 75 cattle troughs and 9 bathing fountains within the municipal limits at the beginning of the year. 58 fountains, 3 cattle troughs and 2 bathing fountains were erected and 10 fountains and 4 cattle troughs were removed during the year leaving 1,484 fountains, 74 cattle troughs and 11 bathing fountains at the end of the year.

(5) *Repairs*.—On the 1st April 1919, the level of the Red Hills Lake stood at 41·51 and on the 31st March 1920 at 42·86.

The rainfall and average water level for each month as furnished by the Public Works Department are shown in Table No. 20 Appendix II. The quantity of water taken out of the lake and measured at Red Hills during 1919-20 was 870,492,590, c. ft. as against 848,801,754 c. ft. in the previous year. The total cost of maintaining the lake, filter beds, conduits, Kilpauk shaft, fountains, pipes, etc including establishment amounted to Rs. 81,898 as against Rs. 79,978 last year.

Miscellaneous.

61. *New Works.*–The expenditure under this head amounted to Rs. 1,229 only against a sum of Rs. 1,500 provided for in the Revised Estimate. Near the Mosque in Mount Road opposite to the Madras Stable Company's premises, the open ground was improved by the extension of the culvert and construction of a retaining wall.

Administration.

62. *Notices.*—3,038 notices were served under various sections of both the old and new Acts chiefly to prevent misuse and wastage of water and to remove encroachments, projections, unauthorised constructions, etc. Out of this, 2,618 were complied with.

63. *Permits.*—3,440 applications for permission to construct or reconstruct buildings and huts under sections 268 and 276 of the Old Act and under sections 234 and 248 of the New Act were received during the year and in 2,836 cases, permits were granted. The remaining cases were either under correspondence or pending payment of licence fees. The amount of licence fees collected was Rs. 6,374 including the arrear collection of Rs. 409 and the charges levied for water used for building purposes and collected during the year amounted to Rs. 6,050.

64. *Prosecutions.*—Magisterial proceedings were instituted in 85 cases of which 48 convictions were secured, fines levied amounting to Rs. 175–8–0 as against Rs. 152 in the previous year. In 37 cases summonses were withdrawn owing to compliance by the parties themselves, leaving no case as undisposed of at the end of the year.

65. *Provisional and Final orders.*—In 687 cases, provisional orders under section 287 (1 & 2) of the Old Act and under section 256 (1) of the New Act were issued and as the parties failed to comply in 463 cases final orders were issued under section 287 (3) of the Old Act and section 256 (3) of the New Act.

GRANT II—EDUCATION,

66. Statements 1 to 4 in Appendix III will give a vivid idea of the progress achieved in Education during the year in Corporation and aided elementary schools of the City.

67. *Number and strength.*—The number of model schools at the close of the year was 27 as against 24 in the previous year. Those in Obrapalayam and Thiruvothiyur High Road were opened in October last in buildings constructed by the Corporation and that in Kassimodu Kuppam, Royapuram, in a rented house in March '20.

All the three schools were opened in the border limits of the City and cater mainly for obravas, fishermen and such other backward classes. The number on rolls on 31-3-'20 was 4155 as against 4162 on 31-3-19. There was a sudden withdrawal of pupils in March 1920 owing to the unfounded but widely prevalent scare of the kidnapping of children. The average attendance which was 69·7 per cent in 1917-18 declined to 62·3 per cent in 1918-19 affected as it had been by plague, influenza, severe storm and rains, and the trying economic strain, but revived satisfactorily and stood at 77·6 in the year under report. In the crowded localities, admission was increasingly sought but had to be refused owing to the want of space to open additional sections.

The following comparative statment will show the progress in strength and attendance during the last 5 years.

Year ending with 31st March.	No. of institutions.	No. on rolls on 31st March.	Average attendance.
1916	19	2.317	1,785
1917	21	2,742	2,052
1918	21	3,302	2,302
1919	24	4,162	2,593
1920	27	4,155	3,224

In the last 5 years, both the strength and attendance have thus shown an appreciable progress, tending to prove the growing popularity and efficiency of the Corporation Schools.

68. Admission continues to be free and open to the children of all castes and communities.

It is gratifying to note that the poorer and the backward classes continue to resort to the schools largely and that the teachers, leaving off all prejudices, try to move among the parents and exhort them to send their children.

69. The year under report was remarkable for certain special incidents.

(i) Though the closing of the war removed the pall of gloom from the minds of the people and raised their spirits, still its after effects were felt throughout the year in the continuance of high prices and the consequent economic strain which had their adverse influences on the strength and attendance.

(ii) Nearly 40,000 children of all the elementary schools in the city took part in the Peace Celebrations of the 19th July 1919. The Corporation spent a sum of Rs. 10,772-4-1 in the distribution of sweets among the children and the presentation of His Majesty's picture in Coronation robes to Schools. The Divisional Councillors and the Inspector of Schools took a personal interest in the matter.

It was a unique event that His Excellency Lord Willingdon the Governor of Madras, in the midst of his crowded engagements, was pleased to visit the Corporation Schools, Cemetry Road, Periamet, Chetput and Triplicane High Road on the occasion of the Peace Celebrations, and thus expressed his abiding interest in and appreciation of the progress in education.

(iii) A substantial relief was given to the teachers first by the grant of a temporary allowance of 20 to 25 per cent of their pay and later by the permanent revision of the scale of their salaries at the close of the year raising the minimum to Rs. 35 per mensem.

A regrading of the salaries of the teachers according to the qualifications, service and quality of work on the lines of the Bombay system is very desirable.

(iv) Twentytwo of the schools continue to engage the pupils in wood work as a part of manual training. A beginning was however made in the year in imparting vocational training to the pupils by the institution of tailoring as a handicraft in the Corporation School, Kalmantapam Road. Increasing attention is paid to manual training and gardening by the pupils in all the schools.

70. *Staff.*—There were 154 teachers including handicraft instructors in all the schools, and all are professionally qualified. A concession was shewn in the year to a disabled sepoy entertained as an acting teacher and he will be sent up for training at the earliest opportunity. All those recruited during the year were as a rule higher elementary grade teachers. Two secondary grade teachers also were entertained.

The Corporation Teachers' Association continued to hold general and sectional meetings in which model lessons were given, essays read, syllabusses discussed and other means of improvement adopted under the guidance of the Superintendent of Schools. Head Masters' meetings were also convened whenever necessary.

The Sub-Assistant Inspectors of Schools of both the ranges conducted the annual inspections of the several schools and remarked on their work favourably. Constant visits were also paid by the Superintendent of Schools and the teachers guided in the course of their daily work. Children were occasionally taken out in certain schools on excursions to the Museum, the People's Park, Aquarium and the beach. Visits were paid by the teachers and some of the pupils to the Health and Welfare Exhibition held in the Banquetting Hall in the year.

There was a distinct improvement in the quality of instruction and general discipline—a satisfactory advance on the state of affairs described in p. 2 of the Administration Report of the year 1916–1917.

71. *Accommodation.*—According to the Model school scheme sanctioned in G. O. No. 820–M., dated 25th May '11, 36 schools should have been constructed and 32 opened by the end of the year.

There were 27 schools in all at the end of the year of which 24 were held in the buildings belonging to the Corporation while 3 were held in rented ones. In view of the paucity of funds devoted to education, the costliness of sites, and buildings, steps have been taken to suit the design to the nature of requirements in the different localities and in consultation with the Inspector of schools, buildings of a cheap design have been proposed to be constructed in places like Mirsahibpet, Kasimodukuppam, etc.

The former was completed and the school opened on 21st July 1920.

The thanks of the Corporation are due to the Port Trust and its Chairman the Hon'ble Mr. H. G. Mitchell for having leased a plot for the construction of the latter school at a nominal rent of Re. 1 per year.

72. *Equipment.*—The 24 schools in model buildings were equipped with the necessary articles of furniture and appliances. The other schools were supplied suitably. The libraries in all the schools and the various appliances were fairly used. It maybe noted that some of the simpler articles of furniture such as planks, racks, stools, etc. were got made in the manual training classes by the pupils themselves.

73. *Night Schools.*—Free night schools were conducted by philanthropic bodies in 21 of the Corporation schools and a few of the teachers permitted to be on their staff. One of the Corporation schools, that in Periamet, was lit with electricity for the benefit of the night school, the maintenance charges being shared equally between the Poor Schools' Society and the Corporation.

74. *Training of Teachers.*—Five teachers were under training during the year in the Government Training School, Triplicane. The total amount of stipends paid to these teachers was Rs. 461–0–7 as against 1,278–6–1 in the last year. A sum of Rs. 281–3–1 was spent as stipends to clerks undergoing training in the Corporation workshop in mechanical work. The question of paying stipends to teachers under training was discussed afresh, and it was resolved to discontinue the system generally, reserving the right to train teachers if and when necessary.

75. *Medical Inspection.*—The orders of Government on the question of medical inspection of elementary school children are awaited before taking any definite action in the matter.

76. *Finance.*—A sum of Rs. 17,908-4-8 was spent on the construction of new buildings and repairs as against Rs. 11,187-0-0 in the previous year.

It is proposed to investigate the question of school sites thoroughly and reserve by alienation or acquisition, as many sites as possible for future construction The Superintendent of Schools is giving his close attention to this subject. A sum of Rs. 67,074-8-5 was spent on the maintenance of the Corporation Schools as against Rs. 49,991-15-6 in the previous year. Including the expenditure on the Corporation play ground and the Reading Room, Egmore, and the Annie Besant Free School in Krishnampet, the total amount spent under education during the year, was Rs. 88,853-1-7 as against Rs. 64,348-15-10.

The total receipts of the Corporation for the year were Rs. 27,87,156-8-8 and out of this a sum of Rs. 88,853-1-7 was spent in all including the expenditure on buildings. 15 per cent of the income may be considered a legitimate limit of expenditure on education and making every allowance for the smallness of the resources of the Corporation as compared to the other wealthier metropolitan cities, the meagreness in the amount devoted to the spread of education must stand prominent.

The Elementary Education Bill which has since been passed into law, will, it is hoped, enable the Corporation to go ahead.

77. *The Corporation Play Ground, Egmore.*—The opening of this play ground has thrown open a splendid opportunity for the physical recreation of the youth of Egmore, and an inspection of the same any evening will gladden the hearts of spectators. Coupled with the Reading Room endowed by M. R. Ry. Rao Bahadur T. Rangachariyar Avargal and opened during the year, it forms a centre of healthy attraction.

78 *General Remarks.*— The passing of the New Municipal Act of 1919 resulted in the appointment of a Special Standing Committee for Education in the last quarter of the year. Matters educational will, it is hoped, receive their due importance in consequence.

The schools continued to be under the administrative charge of M.R.Ry. M.T. Venkatacharya the Superintendent of Schools duing the year.

Grant III. Sanitation and Medical Service.

Hospitals and Dispensaries.

79. *Royapettah Hospital.*—The expenditure on the maintenance of this hospital was Rs. 46,424-3-0 against Rs. 54,700-14-9 in the previous year. The decrease was due to the transfer of the hospital to Government from 1st October 1919.

The total number of in-patients and out-patients treated in this Hospital was 2,903 and 54420 against 3370 and 57251 in the previous year.

80. Raja Sir Ramaswami Mudaliar Lying-in-Hospital. The amount spent on this institution was Rs. 27,063-13-7 against Rs. 19,619-,12-7 in the previous year and against Rs. 29,180-0-0 in the revised estimate. The total number of inpatients treated was 1957 against 1721 and that of out-patients 3961 against 1845 in the previous year.

The reports of Medical Officers in charge of the above hospitals and dispensaries appear in appendix IV.

Contributions.

81. *Hospital.*—The usual contribution of Rs. 20,000 for hospitals was paid to Provincial Funds during the year.

82. *San Thome Dispensary.*—The usual monthly contribution of Rs. 66-10-8 and the annual contribution of Rs. 800/- were paid to this dispensary during the year. The number of patients treated rose from 11,134 to 11,163.

83. *St Thomas Convent Dispensary.*—The contribution was raised from Rs. 20 to Rs. 25/- per mensem with effect from 1st April 1920 as sanctioned by Government in G. O. No. 912 M. Mis. dated 14th June 1919. The number of patients treated fell from 8272 to 8209.

84. *Victoria Caste and Gosha Hospital.*—The contribution of Rs. 2,000/ for the year 1919-20 was paid during the year. The number of patients treated during 1919 rose from 16840 to 17112

85. *Contribution to the Madras Ayurvedic Dispensary, the Sree Kanyaka Parameswari Dispensary and the Venkataramana Dispensary* :—

The contributions to these dispensaries were not paid as Government in G. O. No. 985 M. dated 1st July 1920 while passing orders on the Budget estimate for 1919-20, disapproved the proposal of the Corporation to continue the Contribution.

86. *Kalyani Hospital.*—The contribution of Rs. 1,000 for the year 1919-20 was paid to the institution during the year.

The reports of the above institutions appear in appendix IV.

87. *Sembium dispensary.*—A sum of Rs. 780 was as usual paid to the District Board of Chingleput being the moiety of the charges for the up-keep of the dispensary.

88. *Pasteur Institute of South India, Coonoor.*—The annual contribution of Rs. 250 sanctioned in G. O. No. 14 M, dated 15th January 1909, was paid during the year.

89. *Monegar Choultry and Native Infirmary.* The annual contribution of Rs 1,500 sanctioned in G. O. No. 646-M., Dated 22nd April 1909, was paid towards the maintenance of these institutions.

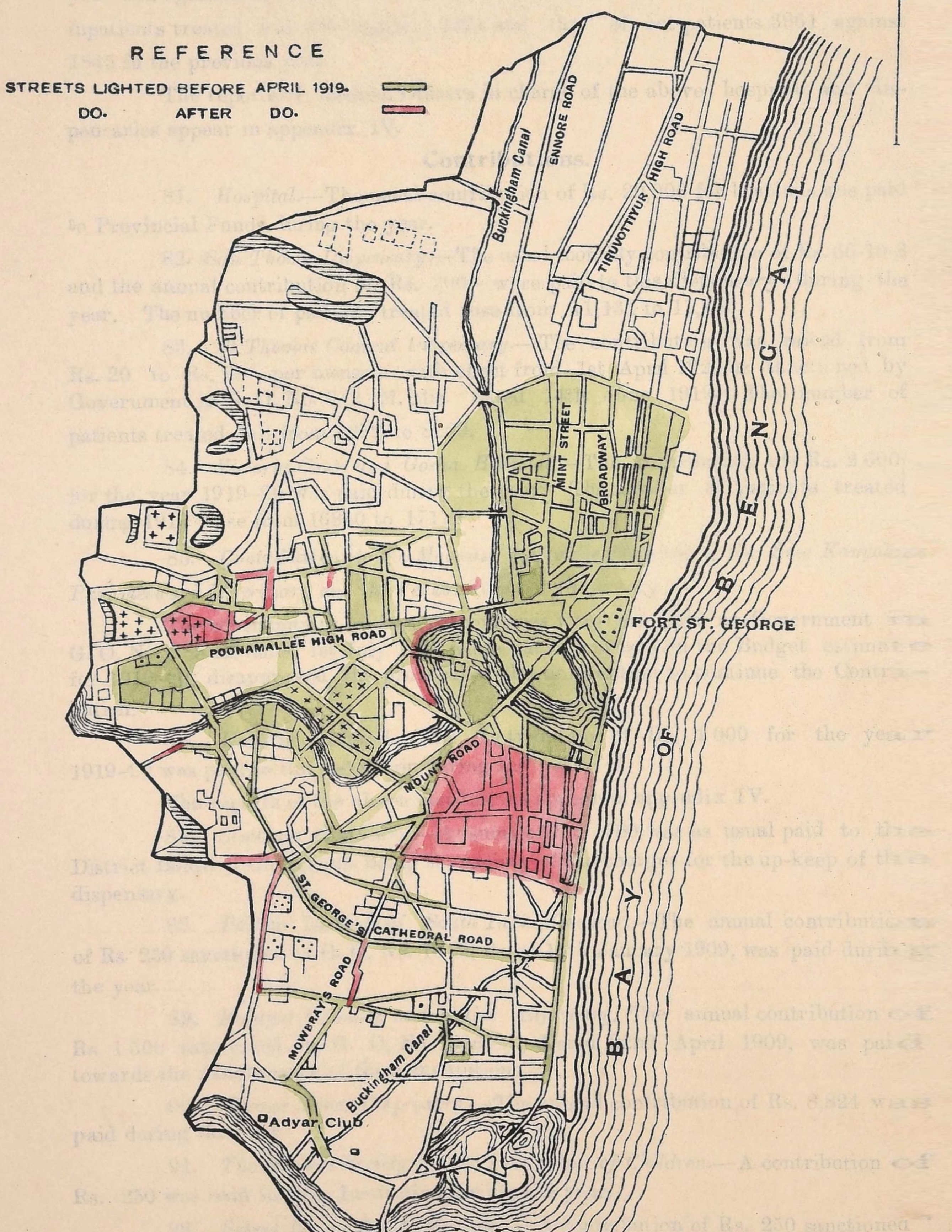
90. *George Town Dispensary.*—The annual contribution of Rs. 8,824 was paid during the year

91. *The Madras Society for the Protection of Children.*—A contribution of Rs. 250 was paid to this Institution during the year.

92. *School for the Deaf, Mylapore.*—A contribution of Rs. 250 sanctioned in G. O. No. 142 M. Mis., dated the 26th January 1920 was paid to this institution during the year under report.

PLAN SHOWING THE PROGRESS
OF
STREET ELECTRIC LIGHTING
IN THE CITY OF MADRAS UP TO APRIL 1920.

Scale 1 Inch = 1 Mile



(Sd.) C. V. KRISHNASAWMI CHETTY,
B. A., B. Sc., A. M. I. E. E.,
Asst. Engineer.

(Sd.) J. E. HENSMAN, A.M.I.C.E.
Engineer.
C. M.

Reg. No. 590
Copies 500

Vandyke, Survey Office, Madras
1920.

Road Watering.

93. The expenditure incurred under this head amounted to Rs. 13,955 as against Rs. 16,662 in the previous year. Watering Main Roads by the Tramway service was continued during the year. To alleviate the dust nuisance, it was ordered to water more roads in various Divisions of the City by hand carts which are being manufactured at Corporation Workshops.

Grant IV—Miscellaneous Municipal purposes

Lighting.

94. The total number of kerosine oil lamps at the beginning of the year was 3,595. 97 lamps were newly added and 516 were removed owing to the extension of electric lighting in the City during the year, the total number at the end of the year being 3,176. The power lamp at the Adyar Post Office, 30th Division, was also removed during the year. A sum of Rs. 2,654-10-0 was imposed as fine on the lighting contractor.

Electric lighting.—The plan facing this page shows the progress made since the year 1912–13. The length of the cable laid and streets electrically lit and the number of lights installed in each year are as follows :—

Years.	Length of cables laid in miles.	Number of lights.		
		Installed.	Removed.	Balance.
1912-13	10·00	452	...	452
1913-14	11·00	224	2	222
1914-15	12·00	335	...	335
1915-16	20·00	868	8	860
1916-17	5·00	277	8	269
1917-18	6·94	275	1	274
1918-19	17·47	618	...	618
1919-20	17·95	687	9	678
Total ...	100·36	3,736	28	3,708

17·95 miles of cable for street electric lighting were laid and 687 electric lights were installed during the year departmentally at a total cost of Rs. 1,40,488.

The expenditure under maintenance of street lights was Rs. 83,840 as against Rs. 76,160 last year. The amounts paid to the lighting contractors alone were as detailed below :—

(a) Kerosine oil lights	Rs. 46,603
(b) Electric lights	„ 35,540
Total...	Rs. 82,143

The balance of Rs. 1,697 was spent on departmental maintenance of the above lights. A sum of Rs. 270 is annually contributed by the Corporation to Messrs. Binny & Co , for maintaining the 19 power lights installed by them in the four streets around the mills.

The lighting was inspected on an average 62 times during the year.

Avenues.

95. The total number of avenue trees at the end of the year under report was 15,246 including 199 planted during the year. Of these 1,077 were fruit-bearing trees. The number of trees that fell down was 149 of which 27 were fruit-bearing trees. The total number of existing trees that require to be watered is 2,544. The total expenditure incurred for the maintenance of avenues during the year was Rs. 9,970.

Public Parks.

96. The License Officer continued to be in charge of all the Parks in the City during the year under review.

97. *People's Park.*—This Park was greatly improved during the year and further improvements are in progress.

A show of flowers, foliage and ferns was held in the Park grounds on the 27th February 1920. It was the first show of its kind and the exhibits were entirely from the several Parks in the city. The show was free to the public and was very much appreciated. Their Excellencies Lord and Lady Willingdon also visited the show. It is hoped to repeat this in future years.

Menagerie—Receipts.—The right to collect fees at the menagerie was leased for Rs. 557-15-11 per month or Rs. 6,695-15-0 per year against Rs. 677-15-11 per mensem in the previous year.

(2) *Charges.*—Food for the animals and birds in the menagerie enclosure was supplied at the following rates:—

Goat's meat	at $4\frac{4}{7}$ lbs.	per rupee
Mutton	at $4\frac{8}{41}$ lbs.	,,
Beef	at $8\frac{8}{23}$ lbs.	,,
Kid	at Re, 0-1-0	each
Ducks	at Re. 0-1-0	,,

Provisions were supplied at a cost of Rs. 789-2-11 per mensem approximately.

(3) *Live Stock.*—The saleable value of the live stock is Rs. 11,312.

The following animals and birds were presented during the year :—

One spotted Leopard
Three Leopard cubs
One jungle cat
Two owls
One black monkey
Three common brown monkeys

The following animals and birds were purchased during the year at a cost of Rs. 180-4-0

1 Rock snake

Seven South Indian Storks black & white.

98. *Napier Park.*—It is difficult to improve this Park owing to the storage of pipes in it and to its exposed condition.

99. *Robinson Park.*—This Park is much resorted to by the residents of Royapuram and Georgetown. The improvements to it are being steadily carried on.

100. *Loane Square.*—Is very popular as a recreation ground and is much resorted to.

101. *Sivangnanam Park.*—A very popular Park and is much resorted to by the people of the locality.

102. The receipts and charges for the above 5 Parks appear in Appendix II Tables from Nos. 23 to 27.

103. The Band of the Madras Guards played as usual twice a week on the Marina, four times a month in the People's Park, twice a month in the Robinson Park, four times a month in the Loane Square and twice a month in the High Court compound.

104. By kind permission of Her Excellency Lady Willingdon, the String Band of H. E. the Governor played fortnightly at the Band Stand, People's Park, commencing from the 7th January 1920 until April 1920, when the Band left for Ootacamund. The music supplied by this Band was very much appreciated by the public as was evidenced by the large crowds that visited the Park on the days on which this band played.

Fire.

105. The cost of maintenance of the three motor fire engines including establishment was Rs. 16,836 as against Rs. 16,280 in the previous year.

There were 54 fire calls duringthe year as against 51 in the previous year. The engines worked in only 19 cases. In the remaining cases, fires were extinguished before the engines arrived at the scene of fire.

GRANT V—Supervision and Management.

106. The expenditure under this head amounted to Rs. 2,02,172–9–8 and was 5·26 per cent of the total receipts of the year. The portion of this sum spent on the establishment maintained for the purpose of assessment and collections amounted to Rs. 1,04,787–15–5 or 2·73 per cent of the total receipts.

Repayment of Debt.

107. The total investments at the beginning of the year on account of sinking funds relating to the several loans of the Corporation, exclusive of the Government loans repayable in instalments, stood at Rs. 27,04,900 in Government Promissory Notes and Stock Certificates and Madras Municipal Debentures and Rs. 2,397–15–10 in cash. During the year under report an allotment of Rs 1,24,680 was made to the sinking fund from general revenues and a sum of Rs. 55,684–6–10 was realised as interest on prior investments of the fund. The total cash receipts of the year amounted to Rs. 1,82,762–6–8. With this sum Government Promissory Notes and Madras Municipal Debentures of the value of Rs. 1,88,100 were purchased at a cost of Rs. 1,78,995–3–9. The aggregate investments at the close of the year to the credit of the fund stood at Rs. 28,93,000 in Government Promissory Notes and Stock certificates and Madras Municipal debentures with a cash balance of Rs. 3,767–2–11. Payments amounting to Rs. 2,66,829–3–2 were also made during the year towards the Government instalment loans of Rs. 29 lakhs, out of which Rs. 1,43,807–11–9 was appropriated by the Accountant-General towards the repayment of loans and Rs. 1,23,021–7–5 towards interest.

Deposit Account.

108. This account which exhibits the transactions relating to the Corporation Stores and Workshop, the payment made on account of the sinking fund for loans raised in the open market and the security deposits of the Corporation servants and contractors etc., opened with a balance of Rs. 15,99,293–13–5. The receipts during the year amounted to Rs. 14,58,178–0–3 and the expenditure to Rs. 12,80,949–8–3 leaving a balance of Rs. 17,76,522–5–5 at the close of the year.

Workshops.

109. *Workshops*:—The total value of works turned out in workshops during the year was Rs. 2,49,961-2-10 (vide Table No. 28, Appendix II) against Rs. 2,46,398-9-7 in the previous year.

The amount earned in the shape of supervision charges, etc. was Rs. 33,537-14-2 against Rs. 35,287-12-8 in 1918-19.

The expenditure on account of wages of maistries and contingent charges amounted to Rs. 12,713-4-11 or 5·09 per cent on the value of works turned out against 6·39 per cent last year. The cost of establishment including allowances amounted to Rs. 12,913-13-8.

The total receipt exceeded the expenditure by Rs. 7,910-11-7 which represents the profit realised during the year against Rs. 7,218-15-11 in 1918-19.

Corporation of Madras,
8th Nov. 1920.

MUHAMMAD HABIBULLAH.
Commissioner.

STATEMENT—Receipts of the Corporation of Madras during the Official Year 1919-20.

Items.	Actuals, 1918-19.			Budget Estimate for 1919-20			Revised Estimate for 1919-20			Actuals, 1919-20. Details of Minor Heads.			Actuals, 1919-20. Totals of Major Heads.			Explanation of variations between the Actuals and the Revised Estimate of 1919-20.
1	2			3			4			5			6			7
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
I.—CAPITAL ACCOUNT— **Receipts.**																
1. Opening Balance—																
(a) General Fund ...	64,276	14	7	1,08,770	0	0	1,12,840	0	0	1,12,841	6	4	...	...	...	
(b) Water and Drainage Fund ...	51,134	14	0	1,73,390	0	0	4,05,110	0	0	4,05,105	10	7	...	...	...	
(c) Lighting Fund ...	...	...	...	...	...	...	...	...	...	...	...	...	...	.	...	
Total ...	1,15,411	12	7	2,82,160	0	0	5,17,950	0	0	...	...	...	5,17,947	0	11	
3. Revenue derived from Municipal property and powers apart from taxation— (h) Interest on Investments ...	6,942	7	4	3,000	0	0	17,000	0	0	...	...	...	8,679	3	2	
4. Grants and Contributions— (a) From Government— i Improvement of water-supply and Drainage ...	...	...	...	5,00,000	0	0	5,00,000	0	0	...	...	...	5,00,000	0	0	
5. Miscellaneous: i Fire Insurance Receipts ...	55,025	8	0	...	...	...	...	...	...	15,513	5	7	...	...	...	
ii Realization of Royapettah Hospital Buildings	...	...	...	...	...	...	3,75,000	0	0	3,75,000	0	0	...	...	...	
Total ...	55,025	8	0	...	...	..	3,75,000	0	0	...	...	...	3,90,513	5	7	
6. Extraordinary and Debt— (a) Loan—																
i. From Government ...	9,00,000	0	0	...	...	...	...	...	...	...	...	...	...	...	...	
ii. In the market from private individuals	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Total ...	9,00,000	0	0	...	...	...	...	...	...	...	...	...	...	...	...	
Advances recovered— i. Permanent ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
ii. Others ...	2,444	15	6	...	...	...	12,860	0	0	35	11	3	...	...	...	
Total ...	2,444	15	6	...	...	...	12,860	0	0	...	...	...	35	11	3	
Transferred from Revenue Account ...	1,76,000	0	8	2,19,690	0	0	7,300	0	0	...	...	...	6,360	0	0	
Total Receipts ...	12,55,824	12	1	1,004850	0	0	14,20,110	0	0	...	...	...	14,23,535	4	11	
Expenditure. GRANT I.—(*Public Works*)— 1. New Works—																
(b) Buildings ...	56,796	15	5	1,02,810	0	0	75,000	0	0	53,043	2	4				Decrease due to non-delivery of pumping plants during the year.
(c) Drainage ...	4,34,181	11	5	5,62,000	0	0	3,96,200	0	0	2,89,218	15	4				Decrease due to non-delivery of venturi meters & write-not taps & also to credits obtained for the sale of stores & scraps.
(d) Water-supply ...	31,709	7	1	20,910	0	0	43,860	0	0	6,246	15	2				
Total ...	5,22,688	1	11	6,85,720	0	0	5,15,060	0	0	...	...	...	3,48,509	0	10	

Establishment—															
i. Drainage ..	72,472	2	10	91,800	0	0	74,470	0	0	24,578	13	1	...	...	... Decrease due to credits obtained by transfer of Supervision charges to storm-water and antimalaria drainage works and also to the non-employment of the sanctioned staff.
ii. Water-supply ...	1,471	3	2	...	..	...	...	...	...	...	...	...	...	...	...
iii. Allowances ...	3,916	6	6	1,680	0	0	1,950	0	0	1,803	3	8	...	...	...
Total ...	77,859	12	6	93,480	0	0	76 420	0	0	...	...	...	26,382	0	9
Total Grant I ...	6,00,547	14	5	7,79,200	0	0	5,91,480	0	0	...	...	...	3,74,891	1	7
GRANT IV.—*Miscellaneous Municipal Purposes*—															
1. Lighting—															
Additional Lamps ...	1,25,664	1	6	1,50,000	0	0	1,60,000	0	0	...	...	...	1,40,487	8	0
Advances Recoverable—															
i. Permanent ...	1,000	0	0	...	...	...	...	...	...	...	...	...	...		...
ii. Others ...	10,665	11	3	...	...	...	3,99,250	0	0	4,79,261	2	8	...	...	...
Total ...	11,665	11	3	...	...	...	3,99,250	0	0	...	...	...	4,79,261	2	8 Represents advances made during the year.
Total Expenditure ...	7,37,877	11	2	9,29,200	0	0	11,50,730	0	0	...	...	...	9,94,639	12	3
Closing Balance—															
General Fund ...	1,12,841	6	4	75,650	0	0	2,63,140	0	0	3,16,184	1	7	...	.	
Water and Drainage Fund ...	4,05,105	10	7	...	...	...	16,240	0	0	1,12,711	7	1	...	...	...
Lighting Fund ...	...	...	...	...	...	.	...	...	...	...	...	...	...	...	...
Total ...	5,17,947	0	11	75,650	0	0	2,79,380	0	0	...	...	...	4,28,895	8	8
Grand Total ...	12,55,824	12	1	10 04850	0	0	14,30,110	0	0	...	...	...	14,23535	4	11
II—REVENUE ACCOUNT—															
Receipts.															
1. Opening Balance—															
(a) General Fund ...	8,64,708	1	2	4,86,890	0	0	5,71,200	0	0	5,71,200	9	11	...	...	...
(b) Water and Drainage Fund ...	...	...	...	...	.	.	...	...		...	...	...	...	...	...
(c) Lighting Fund ...	13,288	15	10	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	8,77,997	1	0	4,86,890	0	0	5,71,200	0	0	...	...	...	5,71,200	9	11
2. Municipal Rates and Taxes—															
(a) Tax on Arts, &c. (Sec. 120) ...	2,14,723	1	0	2,25,000	0	0	3,25,000	0	0	3,62,440	13	6	...	...	..
(b) Tax on Buildings and Lands (Sec. 12[illegible]) ...	10,99,980	5	10	11,34,000	0	0	11,46,000	0	0	11,24,165	7	1	...	...	...
(c) Tax on Lands (Sec. 141) ...	17,475	13	11	17,660	0	0	16,180	0	0	14,022	7	7	...	...	...
(d) Water and Drainage Tax on Building and Lands (Sec. 145) ...	7,14,987	5	2	7,36,550	0	0	7,44,950	0	0	7,50,875	13	11	...	...	...
(e) Water and Drainage Tax on Lands (Sec. 146)	11,359	4	10	11,460	0	0	10,470	0	0	9,115	3	11	...	..	..
(f) Lighting Tax on Buildings and Lands (Sec. 148)	2,19,996	[illegible]	1	2,26,800	0	0	2,29,200	0	0	2,[illegible]4,884	10	5	...	...	...
(g) Lighting Tax on Lands (Sec. 149) ...	3,495	2	0	3,530	0	0	3,200	0	0	2,804	6	9	...	...	...
	22,82,017	8	10	23,55,000	0	0	24,75,000	0	0	24,68,308	15	2	...	.	...
Carried over ...	8,77,997	1	0	4,86,890	0	0	5,71,200	0	0	...	...	...	5,71,200	9	11

STATEMENT I.—Receipts of the Corporation of Madras during the Official Year 1919-20—(*Continued*).

Items.	Actuals, 1918-19.			Budget Estimate for 1919-20.			Revised Estimate for 1919-20.			Actuals, 1919-20. Details of Minor Heads.			Actuals, 1919-20. Totals of Major Heads.			Explanation of variations between the Actuals and the Revised Estimate of 1918-19.
1	2			3			4			5			6			7
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
Brought forward ...	8,77,997	1	0	4,86,390	0	0	5,71,200	...	...	...	...	...	5,71,200	9	11	
2. Municipal Rates and Taxes—*Continued.*	2282,017	8	10	23,55000	0	0	24,75000	...	...	24,68,308	15	2	...	...	...	
(*h*) Tax on Vehicles with springs (Sec. 150) ...	89,442	15	7	80,000	0	0	95,000	...	...	102,084	...	...	...	...	...	
(*i*) Tax on Animals (Sec. 150) ...	34,649	6	2	33,000	0	0	32,000	...	...	31,774	6	...	...	...	...	
(*j*) Tax on Carts and other Vehicles without springs (Sec. 158) ...	34,494	0	0	32,000	0	0	40,000	...	...	39,839	...	...	...	...	...	
(*k*) Tolls on Vehicles and Animals entering Municipal Limits (Sec. 164) ...	55,031	6	0	51,600	0	0	51,600	...	...	52,146	...	...	...	...	...	
Total ...	24,95635	4	7	2551,600	0	0	2693,600	...	...	...	...	...	26,94152	5	2	
3. Revenue derived from Municipal property and powers apart from Taxation—																
(*a*) i. Payment for Occupation of Municipal Lands ...	5,264	13	6	4,200	0	0	4,2[illegible]0	...	...	4,334	11	...	...	...	...	
ii. Rent of Lands and Buildings ...	36,954	13	11	34,000	0	0	34,000	...	...	36,400	2	8	...	...	...	
(*b*) i. Sale-proceeds of Lands and Buildings ...	1,290	12	6	1,750	0	0	3,500	...	...	3,597	3	4	...	...	...	
ii. Esplanades, &c., Grazing Rents ...	1,6[illegible]5	5	4	500	0	0	2,500	...	...	3,663	14	7	...	...	...	
iii. Rent of Cart-stand ...	6,527	12	7	10,000	0	0	10,650	...	...	10,751	11	4	...	...	...	
iv. Rent of Municipal Wharf ...	1,600	0	0	1,600	0	0	1,000	...	...	1,600	...	...	...	...	...	
v Produce of Dands, Gardens, &c.— (1) People's Park ...	11,178	4	11	10,000	0	0	9,870	...	...	10,101	13	6	...	...	...	
(2) Napier Park ...	103	13	5	20	0	0	20	...	...	...	...	...	...	...	...	
(3) Robinson Park ...	595	13	0	600	0	0	550	...	...	582	3	11	...	...	...	
(4) Sivagnanam Park ...	3	8	0	20	0	0	20	...	...	5	1	...	...	...	...	
(5) Grass Farm ...	55,118	12	9	55,000	0	0	60,000	...	...	*57,699	2	8	...	...	...	*Decrease due to non-payment of dues by the Toddy contractor owing to failure to supply sewage for irrigating the cocoanut and Palmyra trees in the Farm on account of the construction of an out fall sewer at the Southern end of the Farm.
(6) Office Lawn ...	70	6	6	50	0	0	50	...	...	34	13	...	...	...	...	
(7) Loane Square ...	...	...	...	...	0	0	...	...	...	3	2	...	...	...	...	
vi. Sale-proceeds of old materials ...	1,151	5	10	1,500	0	0	1,000	...	...	361	5	4	...	...	...	This is an uncertain income.

	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
(c) Conservancy Receipts—																
Sale of Rubbish ...	15,229	5	4	14,500	...	...	13,500	...	...	11,400	2	3	...	...	...	Increase due to supply of scavengers to moreprivate parties.
Private Scavenging ...	9,692	14	3	9,000	...	...	9,800	...	...	10,510	3	...	...	...	...	
(d) Hospital Receipts ...	346	8	...	600	...	...	690	...	...	686	...	...	...	...	...	
(e) i. Income from Markets (Sec. 237)—																
(1) Smithfield Market ...	3,000	...	...	3 500	...	...	3,500	...	...	3,502	11	4	...	...	...	
(2) Moor Market ...	29,325	6	8	24,000	...	...	30,000	...	...	32,751	...	7	...	...	...	
ii. Income from Slaughterhouses (Sec. 331) and Slaughter of Animals for food (Sec. 334) ...	86,371	7	5	85,000	...	...	88,000	...	...	87,675	12	6	...	...	...	
iii Income from Dhobykhana ...	907	8	...	1,200	...	...	1,300	...	...	1,619	...	...	...	...	...	Increase due to more rooms occupied by the dhobies.
iv. Income from Lethal Chamber ...	252	13	...	300	...	...	300	...	...	304	2	4	...	...	...	
v. Do Model cattle yard ...	...	...	...	200	...	...	200	...	...	...	...	...	...	...	...	
(f) Other Fees—																
i. Import of Timber and Firewood (Sec. 327) ...	1,73,420	4	9	1,50,000	...	...	1,40,000	...	...	1,63,834	15	3	...	...	...	
ii. Private Markets (Sec. 344) ...	3,800	...	...	3,720	...	...	3,600	...	...	3,600	...	...	...	...	...	
iii. License Registration ...	80,902	4	...	78,000	...	...	81,000	...	...	81,698	...	...	...	...	...	The increase is spread over several items.
iv Fees for furnishing extracts of births and deaths ...	898	13	...	650	...	...	800	...	...	1,123	13	1	...	...	...	
v. Cart-stand Fees ...	570	...	...	630	...	...	560	...	...	614	8	...	...	...	...	
vi. School Fees ...	115	2	6	...	...	...	...	...	...	...	...	...	...	...	...	
vii. Distraint Fees ...	50	8	...	100	...	...	100	...	...	45	...	...	...	...	...	
(g) Fines under Municipal and other Acts—																
i. Municipal	5,732	12	...	8,000	...	...	6,000	...	...	3,727	13	...	...	...	...	
ii. Police	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
(h) Interest on Investments—																
Medical ...	1,921	12	...	1,920	...	...	1,920	...	...	1,523	8	...	...	...	...	
General ...	12,536	15	7	19,000	...	...	2,170	...	...	2,166	13	...	...	...	...	
(i) Premium on Loans ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Total ...	5,46,540	...	9	5,19,560	...	...	5,11,400	...	...	...	...	...	5,35,921	10	8	
4. Grants and Contributions—																
(a) From Government—																
(1) Roads	20,000	...	...	20,000	...	...	20,000	...	...	20,000	...	...	...	...	...	
(2) Repairing structures of bridges over the Cooum and over the Buckingham Canal	4,219	...	...	4,220	...	...	4,220	...	...	4,219	...	...	...	...	...	
(3) Compensation for Tax on places used for sale of Spirituous & Intoxicating Liquors	13,607	...	...	13,610	...	...	13,610	...	...	13,607	...	...	...	...	...	
(4) Zoological Collection in People's Park ...	2,000	...	...	2,000	...	...	2,000	...	...	2,000	...	...	...	...	...	
(5) Raja Sir Ramasamy Mudaliar Lying-in-Hospital ...	300	...	...	300	...	...	300	...	...	275	...	...	...	...	...	
(6) For Malaria investigation ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
	40,126	...	...	40,130	...	...	40,130	...	...	40,101	...	...	...	...	...	
Carried over ...	39,20,172	6	4	35,58 050	...	...	37,76,200	...	...	...	...	...	38,01,274	9	9	

Items.	Actuals, 1918-19.			Budgnt Estimate for 1919-20.			Revised Estimate for 1919-20.			Actuals, 1919-20 Details of Minor Heads.			Actuals, 1919-20 Totals of Major Heads.			Explanation of variations between the Actuals and the Revised Estimate of 1919-20.
1	2			3			4			5						7
	Rs.	A.	P.	Rs.	A	P	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	...	
Brought forward ...	39,20,172	6	4	35,58,050	0	0	37,76200	0	0	...	...	...	38,01,274	9	9	
4. Grants and Contributions—*Continued.*																
	40,126	0	0	40,13(	0	0	40,130	0	0	40,101	0	0	...	...	...	
(7) For the drainage of Washermarpet and Spur Tank Swamps ...	20,250	0	0	...	...	...	...	...	...	...	...	...	...	...	...	
(8) For improvements to Kelly's drain ...	...	0	0	...	...	...	...	...	...	...	...	...	...	...	...	
(9) For Sanitary works ...	1,00,000	0	0	...	...	...	1,00,000	0	0	1,00,000	0	0	...	...	...	
(*h*) From private individuals—																
(i) For constructing a reading room in the model play-ground at Egmore ...	...	...	...	...	...	...	2,000	0	0	2,000	0	0	...	...	...	
Total ...	1,60,376	0	0	40,130	0	0	1,42,130	0	0	...	...	...	1,42,101	...	...	
5. Miscellaneous—																
(*a*) Payment for water for non-domestic purposes ...	2,01.651	5	2	2,60,000	0	0	2,70,000	0	0	2,87,473	7	2	...	...	...	
(*b*) Sundry Receipts—Water-works ...	21,849	11	8	15,000	0	0	20,000	0	0	29,386	15	3	...	...	...	
(*c*) Vaccination fees ...	173	8	...	150	6	0	150	0	0	235	12	0	...	...	...	
(*d*) Refund from expenditure of previous years	16,405	13	4	10,000	0	0	10,000	0	0	11,156	7	3	...	...	...	This is a fluctuating item
(*e*) Workshop receipts ...	35,287	12	8	24,000	0	0	28,000	0	0	35,718	11	8	...	...	...	Do
(*f*) Suspense ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Do
(*g*) Other Items ...	51,505	2	3	15,000	0	0	12,000	0	0	10,414	8	4	...	...	...	
(*h*) Malaria Receipts ...	3,850	1	2	3,000	0	0	4,000	0	0	6,489	5	6	...	...	...	Increase due to the amount received in advance for works to be done in 1920-21.
Total ...	3,30,723	6	3	3,27,150	0	0	3,44,150	0	0	...	...	...	3,80,875	5	2	
6. Extraordinary and Debt—																
(*b*) Realization of Sinking Fund—Interest on Waterworks Loan of 1869—73 ...	51,413	7	8	51,000	0	0	52,500	0	0	...	...	...	25,416	12	9	
Advances recovered—																
i. Permanent ...	...	...	...	...	...	...	...	...	...	153	0	0	...	...	...	
ii. Others ...	19,157	10	7	5,000	0	0	65,000	0	0	61,789	8	3	...	...	...	
Total ...	19,157	10	7	5,000	0	0	65,000	0	0	...	...	...	61,942	8	3	Recovery of outstanding advances was less than that anticipated in the revised estimate.
Total Receipts ...	44,81,842	14	10	39,81,330	0	0	43,79,980	0	0	...	...	...	44,11,610	1	11	

Expenditure.																
GRANT I—(*Public Works*)—																
I. New Works—																
(*a*) Communications ...	13,038	4	11	7,220	0	0	61 500	0	0	46,945	14	3	...	...	...	Vide details of works, Statement II—A
(*b*) Buildings ...	43,710	13	3	40,000	0	0	61,800	0	0	43,121	2	10	...	...	...	
(*c*) Drainage ...	80,162	1	6	1,15,870	0	0	1,23,280	0	0	1,11,354	15	10	...	...	...	
(*d*) Water-supply ...	10,315	3	0	18,000	0	0	45,000	0	0	16,818	7	3	...	...	...	
(*e*) Miscellaneous ...	4,057	10	2	12,000	0	0	1,500	0	0	1.229	1	6	...	...	...	
Total ...	1,51,284	0	10	1,93,090	0	0	2,93,080	0	0	...	...	...	2,19,469	9	8	
2 Repairs—																
(*a*) Communications— ...	3,73,368	14	6	3,08,140	0	0	4,50,260	0	0	4,39,618	8	6	...	...	...	
i. Repairs to works, etc. ...	...	...	...	...	0	0	...	...	...	...	...	...	...	...	...	
ii. Establishment ...	...	...	...	7,060	0	0	9,800	0	0	8,417	14	8	...	...	...	Do
iii. Allowances ...	...	...	...	720	0	0	390	0	0	392	1	7	...	...		
(*b*) Buildings ...	54,145	2	1	33,650	0	0	50,340	0	0	48,949	6	9	...	...	...	
(*c*) Drainage—																
Repairs to Works, etc. ...	4,70,181	11	2	4,23,820	0	0	5,16,020	0	0	5,47,273	5	5	...	...	...	
Establishment ...	65,563	4	11	76,900	0	0	75,430	0	0	70,243	14	3	...	...	...	
Overtime ...	...	...	—	100	0	0	50	0	0	25	9	4	...	...	...	
Allowances ...	3,513	4	9	4,620	0	0	4 450	0	0	3,324	5	7	...	...	...	
(*d*) Water-supply—																
Repairs to Works, etc. ...	1,84,077	2	10	1,55 350	0	0	1,82,000	0	0	2,10,460	10	4	...	...	..	Do.
Establishment ...	30,418	12	0	41,500	0	0	35,200	0	0	34,350	2	3	...	...	...	
Allowances ...	1,863	0	4	2,400	0	0	2,570	0	0	2,493	0	5	...	...	...	Do.
(*e*) Miscellaneous ...	2,088	7	2	3,000	0	0	3,000	0	0	1,678	15	6	...	...	...	Savings.
Total ...	11,85,219	11	9	10,57,260	0	0	13,29510	0	0	...	...	...	13,67.227	14	7	
3. Establishment—																
(*a*) General ...	52,312	7	6	56,200	0	0	50,140	0	0	49,555	2	6	...	...	...	
Allowances ...	4,135	3	5	4,700	0	0	4,150	0	0	3,319	13	11	...	...	...	
(*b*) Steam Road Roller—																
Establishment ...	5,038	10	2	5,500	0	0	5,500	0	0	5,510	5	5	...	...	...	
Overtime ...	66	8	6	100	0	0	60	0	0	60	11	3	...	...	...	
Total ...	61,552	13	7	66,500	0	0	59,850	0	0	...	...	...	58,446	1	1	
4. Tools and Plant ...	8,039	5	4	9,000	0	0	9,000	0	0	...	...	...	13,392	14	7	
5. Miscellaneous—																
(*a*) Stationery ...	4,381	10	7	3,500	0	0	8,500	0	0	10,958	2	5	...	...	...	
(*b*) Printing Charges ...	1,985	1	6	2 500	0	0	4,000	0	0	3,774	1	7	...	...	...	
(*c*) Advertising Charges ...	1,290	2	0	1,5 0	0	0	1,500	0	0	1,220	8	0	...	...	...	
Total ...	7,656	14	11	7,500	0	0	14,000	0	0	15,952	12	0	...	...	...	
Carried over ...	14,06,095	15	6	13,25,850	0	0	16,91,440	0	0	...	...	...	16,58,536	7	11	

STATEMENT II.—Expenditure of the Corporation of Madras during the Official Year 1919-20—(*Continued*).

Items.	Actuals. 1918-19.			Budget Estimate for 1919-20.			Revised Estimate for 1919-20.			Actuals, 1919-20. Details of Minor Heads.			Actuals, 1919-20. Totals of Major Heads.			Explanation of variations between the Actuals and the Revised Estimate of 1919-20
1	2			3			4			5			6			7
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
Brought forward ...	14,06095	15	6	13,25,850	0	0	16,91,440	...	...	...	...	...	16,55,536	7	11	
GRANT I.—(*Concluded*)																
5. Miscellaneous—(*Continued*)																
(*d*) Law Charges and Stamp Duties ...	7,656	14	1	7,500	0	0	14,000	0	0	15 952	12	...	...	...	...	
(*e*) Office Furniture ...	126	9	0	1,000	0	0	400	0	0	266	5	7	...	...	...	
(*f*) Contingent ...	482	6	3	1,000	0	0	500	0	0	1,125	6	10	...	...	...	
(*g*) Water works—Contingent ...	2,308	3	7	2,000	0	0	2,000	0	0	2,145	4	...	...	...	...	
(*h*) Clothing for Peons and Badges for Road ...	2,669	10	9	1,500	0	0	2,000		0	2,318	7	3	...	...	...	
Coolies ...	533	3	10	1,000	0	0	1,000		0	844	8	8	...	...	...	
(*i*) Inspection of dangerous Buildings ...	...	...	...	50	0	0	50		0	...	...	...	...	...	...	
Total ...	13,776	15	6	14,050	0	0	19,950	0	0	...	...	...	2,26,52	12	4	
Total, Grant I ...	14,19,872	15	0	13,39,900	0	0	17,11,390	0	0	...	...	...	16,81,189	4	3	
GRANT II.—(*Education*)—																
1. Municipal Schools—																
(*a*) Establishment ...	41687	4	5	64,830	0	0	60,000	0	0	56,711	2	1	...	...	...	
(*b*) Allowances ...	30	...	...	60	0	0	60	0	0	60	0	0	...	...	...	
(*c*) Other Expenses ...	8,463	12	11	2,020	0	0	2,140	0	0	11,334	9	2	...	...	...	
(*d*) Labour ...	1,585	3	3	24,310	0	0	24,310	0	0	2,096	14	..	...	...	...	
Total ...	51,766	4	7	91,220	0	0	86,510	0	0	...	0	0	70,202	9	3	
2. Miscellaneous—																
(*a*) Teachers' Training Grants ...	1,395	11	3	1650	0	0	700	0	0	742	3	8	...	...	...	
(*b*) Contributions to Madras Teachers' Guild ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Total ...	1,395	11	3	1650	0	0	700	0	0	...	...	...	742	3	8	
Total, Grant II ...	53,161	15	10	92870	0	0	87,210	0	0	...	...	...	70,944	12	11	
GRANT III.—(*Sanitation and Medical Services*)—																
1. Hospitals and Dispensaries—																
Royapettah Hospital—																
(*a*) Establishment ...	12 237	1	5	17,200	0	0	7,890	0	0	7882	14	4	...	...	...	
(*b*) Allowances ...	193	6	...	240	0	0	180	0	0	180	0	0	...	...	...	
(*c*) Medicines and Supplies ...	30,229	...	10	32,500	0	0	28,480	0	0	27,647	3	11	...	...	...	
(*d*) Diets of Patients ...	12,041	6	6	10,000	0	0	10,720	0	0	10,714	0	9	...	...	...	

ii. George Town Dispensary—															
(a) Establishment ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(b) Allowances ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(c) Medicines and supplies ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
iii. Baliah Naidu Dispensary—															
(a) Establishment ...	4,543	5	1	5040	0	0	4,950	0	0	4,650	0	11	...	...	
(b) Allowances ...	45	8	0	90	0	0	90	0	0	30	0	0	...	...	
(c) Medicines and supplies ...	3,185	6	3	5000	0	0	3,200	0	0	3,157	12	5	...	...	...
iv. Chintadripet Dispensary—															
(a) Establishment ...	2,853	...	1	3130	0	0	3,200	0	0	3,166	13	11	...	...	...
(b) Medicines and supplies ...	2,620	15	10	2500	0	0	2,600	0	0	2 760	9	4	...		...
v. Raja Sir S. Ramasawmy Mudr. Lying-in-Hospital															
(a) Establishment ...	3,747	12	9	4280	0	0	4,280	0	0	4,242	13	0	...		
(b) Allowances ...	90	0	0	120	0	0	120	0	0	120	0	0	...		...
(c) Medicines, and supplies ...	13,080	6	1	13000	0	0	21,500	0	0	19,455	5	8	...	...	...
(d) Training of Midwives ...	2,701	9	9	2720	0	0	3,280	0	0	3,245	10	11	...		...
vi. Washermenpet Dispensary—															
(a) Establishment ...	2,852	14	7	3320	0	0	2,850	0	0	2,678	4	2	...		...
(b) Medicines and supplies ...	3,073	9	1	3000	0	0	4,800	0	0	4,857	1	1	...	...	...
(c) Allowances ...	108	0	0	180	0	0	60	0	0	...	...	...	...	...	
vii. New Dispensary	...	0	0	5000	0	0	...	...	...	...	...	...	...		...
Total ...	93,603	6	3	107320	0	0	98,200	0	0	...	...	...	94,788	10	5
2. (a) Contribution to Provincial Funds—Hospitals ...	20,000	0	0	20000	0	0	20,000	0	0	20,000	0	0	...		...
(b) Contribution for St. Thome Dispensary ...	1,100	0	0	1100	0	0	1,100	0	0	1,100	0	0	...		...
(c) Do. Convent Dispensary ...	240	0	0	240	0	0	300	0	0	296	0	0	...		...
(d) Do. Victoria Caste and Gosha Hospital ...	1,500	0	0	2000	0	0	2,000	0	0	2,000	0	0	...		...
(e) Do. Sembium Dispensary ...	780	0	0	780	0	0	780	0	0	780	0	0	...		...
(f) Do. Monegar Choultry and Native Infirmary ...	1,500	0	0	1500	0	0	1,500	0	0	1,500	0	0	...	...	
(g) Do. Pasteur Institute of South India, Coonoor ...	250	0	0	250	0	0	250	0	0	250	0	0	...		
(h) Do. Kalyani Hospital ...	600	0	0	1000	0	0	1,000	0	0	1,000	0	0	...	...	...
(i) Do to Kanyaka Paramesvari Dispensary ...	500	0	0	...	...	...	...	...	...	...	...	...	...	...	
(j) Do. Venkataramana Dispensary	...	0	0	...	...	...	100	0	0	100	0	0			...
(k) Do. The Madras Ayurvedic Dispensary ...	1,000	0	0	...	...	...	...	...	...	...	...	...	...		
(l) Do. Georgetown Dispensary ...	8,824	0	0	8820	0	0	8,820	0	0	8,824	0	0	...	...	...
(m) Do. Madras Ambulance Corps.	100	0	0	...	...	...	...	...	...	...	...	...	...	...	...
(n) Do. Madras Society for Protection of Children ...	250	0	0	250	0	0	250	0	0	250	0	0	...	...	...
(o) Do. Deaf and Dumb School ...	...	...	...	...	...	...	...	...	...	250	0	0	...	...	...
Total ...	36,644	0	0	35940	0	0	36,100	0	0	...	...	...	36,349	...	...
3. Vaccination and Registration of Births & Deaths	31,805	12	10	32700	...	...	31,500	0	0	31,847	5	6	...	...	...
(a) Establishment ...															
Allowances ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(b) Contingencies ...	6,320	6	8	5800	0	0	6,000	0	0	6,233	10	3	...	...	...
Total ...	38,126	3	6	38500	0	0	37,500	0	0	...	...	...	38,080	15	9
	1,68,373	9	9	181760	0	0	1,71,800	0	0	...	...	...	1,69,218	10	2
Carried over ...	14,73,034	14	10	14,32,770	0	0	17,98,600	0	0	...	...	...	17,52,134	1	2

Items.	Actuals, 1918-19.			Budget Estimate for 1919-20.			Revised Estimate for 1919-20.			Actuals, 1919-20. Details of Minor Heads.			Actuals, 1919-20. Totals of Major Heads.			Explanation of variations between the Actuals and the Revised Estimate of 1919-20.
1	2			3			4			5			6			7
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
Brought forward ...	14,73,034	14	10	14,32,770	0	0	1798,600	0	0	...	...	...	17,52,134	1	2	
Total ...	1,68,373	9	9	1 81,760	...	...	1,71,800	0	0	...	...	...	1,69,218	10	2	
GRANT III—(*Continued*).																
4. Conservancy—																
(*a*) Establishment—General .	80,750	1	11	90,000	0	0	97,170	0	0	95,283	0	5	...	...	...	
Allowances ...	5,184	5	4	7,180	0	0	7,270	0	0	6,998	6	3	...	...	...	
(*b*) Hire of Scavengers ...	61 ,16	2	4	60,000	0	0	68,000	0	0	69,094	8	0	...	...	...	
(*c*) Private Scavenging ...	2,412	10	3	2,500	0	0	2,700	0	9	2,730	11	10	...	...	...	
(*d*) Maintenance of Bullocks—																
Establishment ...	4,760	14	6	5,800	0	0	...	...	...	...		...	...	...	...	
Allowances ...	791	15	10	940	0	0	...	...	...	...	...	...	...	...	...	
Labor, Fodder, contingencies, &c. ...	2,03,899	4	3	2,00,000	0	0	2,50,000	0	0	2,62,968	14	7	...	...	...	
(*e*) Incinerator—																
Establishment ...	1,741	7	11	1,330	0	0	1,400	0	0	1,355	5	2	...	...	...	
Labor ...	18,846	5	...	20,000	0	0	22,000	0	0	22,168	13	1	...	...	...	
(*f*) Night-soil Depots and Shoots—																
Establishment ...	2,128	1	8	2,720	0	0	2,550	0	0	2,552	11	10	...	...	...	
Labor ...	20,647	2	4	17,000	0	0	21,500	0	0	23,330	6	10	...	...	...	
(*g*) Sanding Latrines ...	2,923	2	1	3,000	0	0	200	0	0	95	7	2	...	...	...	
(*h*) Maintenance of Grass Farm—																
Establishment ...	5,121	1	1	5,400	0	0	5,400	0	0	5,271	0	8	...	...	...	
Allowances ...	...	...	...	60	0	0	60	0	0	...	...	...	...	...	...	Savings.
Labor ...	29,991	10	4	30,000	0	0	36,000	0	0	34,562	11	6	...	...	...	Do.
(*i*) Rent of Lorry Stations and Cart Depots ..	246	0	0	300	0	0	300	0	0	216	0	0	...	...	...	
(*j*) Burial and Burning Grounds—Labor ...	2,638	5	6	2,800	0	0	2,800	0	0	4,385	14	5	...	...	...	
(*k*) Repair of Carts, Boats and Buckets ...	34,141	4	1	24,000	0	0	25,000	0	0	41,570	14	4	...	...	...	
(*l*) Contingent—General ...	10,104	11	8	8,000	0	0	12,000	0	0	19,190	8	3	...	...	...	
(*m*) Epidemic Charges—																
Plague ...	27,049	4	0	10,500	0	0	16,000	0	0	16,709	10	6	...	...	...	
Cholera and Small-pox ...	62,377	12	6	31,120	0	0	66,000	0	0	80,508	4	6	...	...	...	
Malaria ...	67,312	9	1	73,450	0	0	45 450	0	0	72,229	0	3	...	...	...	Increase due to supervision charges for antimalarial drainage works.

(n) Road Watering—															
Establishment ...	1,754	9	2	2,020	0	0	2,020	0	0	1,937	3	5	...	...	...
Labour ...	14,907	11	2	11,500	0	0	9,500	0	0	12,017	6	5	...	...	...
(c) Tools and Plant ...	30,340	14	11	20,000	0	0	95,000	0	0	99,868	2	9	...	.	...
Total ...	6,91,487	6	11	6,29,620	0	0	7,88,320	0	0	...	...	...	8,75,050	2	2
5. Miscellaneous—															
(a) Stationery ...	5,336	5	10	3,400	0	0	5,000	0	0	6,945	4	9	...	...	...
(b) Printing Charges ...	1,802	3	2	3,000	0	0	5,000	0	0	5,878	12	3	...	...	...
(c) Advertising Charges ...	877	6	0	450	0	0	800	0	0	679	13	7	...	...	...
(d) Law Charges and Stamp Duties ...	14	2	0	300	0	0	450	0	0	281	15	6	...	...	...
(e) Office Furnitures ...	392	14	8	450	0	0	450	0	0	410	15	6	...	...	...
(f) Clothing, Badges and Belts ...	2,237	2	1	5,000	0	0	5,000	0	0	4,426	13	11	...	...	...
(g) Extra Staff ...	...	...	...	100	0	0	100	0	0	...	...	...	...	...	...
Total ...	10,660	1	9	12,700	0	0	16,800	0	0	...	...	...	18,623	11	6
Total, Grant III ...	8,70,52[illegible]	2	5	8,24,080	0	0	9,76,920	0	0	...	...	...	10,62,892	7	10
GRANT IV.—(*Miscellaneous Municipal Purposes.*)															
1. Lighting—															
Establishment ...	2,684	15	7	14,7[illegible]	0	0	12,500	0	0	10,978	5	6	...	..	...
Allowance ...	177	2	5	1,560	0	0	1,300	0	0	1,329	12	2	...		...
Labor ...	13,542	10	8	14,260	0	0	14,700	0	0	14,386	12	2	...	...	...
Maintenance ..	76,160	1	6	80,000	0	0	80,000	0	0	83,839	11	0	...	...	...
Additional Lamps and Sundries ...	34,203	1	1	16,000	0	0	3,000	0	0	1,884	13	4	...	...	...
Repairs to Lamps and Posts ...	19,147	5	1	15,000	0	0	15,000	0	0	26,281	8	3	...	...	.
Total ...	1,45,95	4	4	1,41,52[illegible]	0	0	1,26,500	0	0	...	...	...	1,38,700	14	5
2. Markets and Slaughter houses—															
(a) Smithfield Market—															
Establishment ...	814	6	11	900	0	0	920	0	0	896	0	6	...	...	...
Labor and Contingencies ...	720	0	11	650	0	0	740	0	0	766	10	4	...	...	...
(b) Moore Market— ...															
Establishment ...	3,107	0	3	3,650	0	0	3,650	0	0	3,585	1	6	...	.	...
Labor and Contingencies ...	6,066	7	5	5,700	0	0	7,000	0	0	6,208	15	1	...	...	...
(c) Slaughterhouses— ...									0						
Establishment ..	3,909	7	8	4,320	0	0	4,350	0	0	4,315	15	8	...		.
Labor and Contingencies ...	18,107	14	3	15,000	0	0	17,000	0	0	17,550	14	9	...		...
Allowances ...	60	0	0	60	0	0	60	0		60	0	0	...	...	...
Total ...	32,785	5	5	30,280	0	0	33,720	0	0	...	...	...	33,383	9	10
	1,78,700	9	9	1,71,800	0	0	1,60,220	0	0	...	...	...	1,7[illegible],084	8	3
Carried over ...	23,43,556	1	3	22,56,850	0	0	27,75,520	0	0	...	...	...	28,15,026	9	...

Items.		Actuals. 1918-19.			Budget Estimate for 1919-20			Revised Estimate for 1919-20.			Actuals, 1919-20. Details of Minor Heads.			Actuals, 1919-20. Totals of Major Heads.			Explanation of variations between the Actuals and the Revised Estimate of 1919-20
1		2			3			4			5			6			7
		Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs	A.	P.	Rs.	A.	P.	
GRANT IV—(Concluded).	Brought forward ...	23,43,556	1	3	22,56,850	0	0	27,75,520	0	0	...	...	...	28,15,026	9	0	
		1,78,700	9	9	1,71,800	0	0	1,60,220	0	0	...	...	...	1,72,084	8	3	
3. Avenues—																	
Establishment	...	957	14	1	1,080	0	0	1,600	0	0	1,596	10	4	...	...	...	
Allowance	...	469	14	1	540	0	0	520	0	0	512	0	9	...	...	...	
Labour	...	6,921	0	5	7,800	0	0	7,420	0	0	7,550	7	1	...	...	...	
Tools and Plant	...	435	14	4	500	0	0	800	0	0	310	5	8	...	...	...	
	Total ...	8,784	10	11	9,920	0	0	10,340	0	0	...	...	...	9,969	7	10	
4. Public Parks—																	
(a) People's Park—																	
Establishment	...	6,602	15	1	6,760	0	0	6,850	0	0	6,751	13	3	...	...	...	
Allowance	...	...	...	...	20	0	0	20	0	0	...	...	...	...	...	...	
Labour, etc.	...	25,638	1	7	28,400	0	0	33,400	0	0	30,794	10	2	...	...	...	
Tools and Plant	...	91	8	3	120	0	0	120	0	0	125	0	0	...	...	...	
(b) Napier Park—																	
Establishment	...	763	7	10	880	0	0	870	0	0	869	13	0	...	...	...	
Allowances	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Labour, etc.	...	1,131	11	7	1,900	0	0	1,900	0	0	1,453	10	4	...	...	...	
Tools and Plant	...	...	...	...	10	0	0	...	...	...	...	...	...	...	...	...	
(c) Robinson Park—																	
Establishment	...	1,460	8	6	1,570	0	0	1,560	0	0	1,559	8	0	...	...	...	
Labour, etc.	...	5,831	13	3	7,000	0	0	7,100	0	0	6,646	2	6	...	...	...	
Tools and Plant	...	51	0	0	50	0	0	50	0	0	...	...	...	...	...	...	
(d) Loane Square—																	
Allowances	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Labour, etc.	...	1,806	2	4	2,000	0	0	2,000	0	0	1,927	13	8	...	...	...	
Tools and Plant	...	...	...	...	10	0	0	10	0	0	...	...	...	...	...	...	
(e) Sivagnanam Park—																	
Labour, etc.	...	538	11	3	900	0	0	900	0	0	736	3	0	...	...	...	
Tools and Plant	...	5	8	0	...	...	...	...	...	...	...	...	...	...	...	...	
	Total ...	43,921	7	8	49,620	0	0	54,780	0	0	...	...	...	50,864	9	11	
5. Survey of Land	...	23,514	14	3	23,630	0	0	25,670	0	0	...	...	...	25,392	0	1	
6. Fire—																	
Establishment	...	5,238	6	4	6,260	0	0	5,500	0	0	5,500	12	10	...	...	...	
Labour, etc.	...	10,741	8	2	9,000	0	0	10,000	0	0	11,034	15	7	...	...	...	
Allowances	...	300	0	0	300	0	0	300	0	0	300	0	0	...	...	...	
Tools and Plant	...	852	13	5	4,000	0	0	7,500	0	0	7,602	14	10	...	...	...	
	Total ...	17,132	11	11	19,560	0	0	23,300	0	0	...	...	...	24,438	11	3	

	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
7. Other Charges—															
(a) Esplanades ...	284	0	0	370	0	0	340	0	0	322	13	3	...	...	...
(b) Quit-rent ...	4,604	0	5	4,500	0	0	4,600	0	0	4,299	4	4	...	...	...
(c) Payment for Red Hills water ...	31,459	0	0	32,000	0	0	32,000	0	0	32,041	0	0	...	...	...
(d) Reward for destruction of Dogs and Venomous Snakes ...	4,329	12	2	4,170	0	0	4,200	0	0	4,718	1	4	...	...	...
(e) Municipal Proceedings, etc., Charges— Statienery ...	721	6	2	1,000	0	0	1,600	0	0	1,678	0	0	...	...	...
Printing ...	3,924	6	10	5,000	0	0	7,000	0	0	7,720	10	6	...	...	...
Advertising ...	1,721	1	0	1,400	0	0	2,200	0	0	1,523	7	3	...	...	...
(f) Law Charges—															
Establishment ...	2,400	0	0	2,400	0	0	2,400	0	0	2,400	0	0	...	...	...
Stamp, etc., Charges ...	80	12	6	200	0	0	300	0	0	265	0	0	...	...	...
(g) Election Charges ...	1,694	14	4	4,020	0	0	8,000	0	0	5,557	10	5	...	...	...
(h) Tin Tickets ...	1,717	9	11	2,000	0	0	2,000	0	0	2,018	10	0	...	...	...
(i) Tools and Plant ...	77	10	1	200	0	0	200	0	0	39	10	5	...	...	...
(k) Stores—															
Establishment ...	5,424	6	3	5,740	0	0	5,740	0	0	5,718	8	7	...	...	...
Contingencies—															
Coolies for Stock-taking Stationery, Clothing, etc. ...	3,159	14	6	3,000	0	0	3,000	0	0	3,645	11	10	...	...	...
(l) Workshops—															
Establishment ...	11,958	5	6	13,050	0	0	12,750	0	0	12,553	3	8	...	...	...
Allowances ...	360	0	0	360	0	0	360	0	0	360	0	0	...	...	...
Labour and Contingencies ...	15,750	7	3	10,090	0	0	10,090	0	0	1,2713	4	11	...	...	...
(m) Insurance on Municipal Buildings ...	4,705	12	0	4,590	0	0	4,020	0	0	4,022	0	0	...	...	...
(n) Motor Car—															
Establishment ...	560	8	0	620	0	0	620	0	0	616	2	0	...	...	...
Maintenance ...	5,034	4	7	3,000	0	0	3,880	0	0	4,516	11	8	...	...	...
(o) Office Tapal ...	2,567	7	3	2,950	0	0	2,75[illegible]	0	0	2,721	11	8	...	...	...
(p) Loss on Municipal Stores ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
(q) Charges for the treatment of patients at the pasteur Institute, Coonoor ...	607	2	0	300	0	0	500	0	0	439	4	0	...	...	...
(r) Other Items ...	19,042	8	5	10,000	0	0	18,000	0	0	13,721	8	5	...	...	...
(s) Public Ceremonies ...	2,009	14	0	...	...	...	14,960	0	0	14,651	10	1	...	...	...
Total ...	1,24,195	4	0	1,10,960	0	0	1,41,510	0	0	...	...	...	1,38,264	0	4
Total, Grant IV ...	3,96,249	10	6	3,85,540	0	0	4,15,820	...	...	...	...	...	4,21,013	5	8
GRANT V.—(*Supervision and Management*)—															
1. (a) Salaries of officers ...	33,300	0	0	33,300	0	0	34,800	0	0	35,215	1	9	...	...	...
(b) Allowances ...	1,008	14	0	960	0	0	1,280	0	0	1,391	5	0	...	...	...
Total ...	34,308	14	0	34,260	0	0	36,080	0	0	...	...	...	36,606	6	9
	34,308	14	0	34,260	0	0	36,080	0	0	...	...	...	36,606	6	9
Carried over ...	27,39,805	11	9	26,42,390	0	0	31,91,340	0	0	...	...	...	32,36,039	14	8

Items.	Actuals, 1918-19.			Budget Estimate for 1919-20.			Revised Estimate for 1919 20.			Actuals, 1919 20. Details of Minor Heads.			Actuals, 1919 20. Totals of Major Heads.			Explanation of variations between the Actuals and the Revised Estimate of 1919-20.
1	2			3			4			5			6			7
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs	A	P.	Rs.	A.	P.	
Brought forward ...	27,39,805	11	9	26,42,390	0	0	31,91,340	0	0	...	...	...	32,36,039	14	8	
	34,308	14	0	34,260	0	0	36,080	0	0	...	...	...	36,606	6	9	
GRANT V.—(Concluded).																
2. Head Office—																
(a) Establishment ...	30,263	14	6	31,150	0	0	31,400	0	0	31,102	6	2	...	...	...	
Allowances ...	1,556	0	7	1,500	0	0	1,500	0	0	1,490	12	11	...	...	...	
(b) Stationery ...	1,438	8	10	1,800	0	0	2,100	0	0	2,103	5	6	...	...	...	
(c) Printing Charges ...	1,214	1	7	1,600	0	0	1,600	0	0	848	0	5	...	...	...	
(d) Advertising Charges ...	35	13	0	50	0	0	40	0	0	6	6	6	...	...	...	
(e) Office Furniture ...	260	6	8	400	0	0	540	0	0	765	13	4	...	...	...	
(f) Contingent ...	1,471	13	5	1,400	0	0	1,950	0	0	2,247	1	6	...	...	...	
(g) Labor ...	151	11	10	150	0	0	170	0	0	168	0	0	...	...	...	
(h) Clothing for Peons ...	827	3	9	800	0	0	1,020	0	0	1,013	7	0	...	...	...	
Total ...	37,219	10	2	38,850	0	0	40,320	0	0	...	...	...	39,745	5	4	
3. Assessment and Collection—																
(a) Establishment ...	90,806	4	4	94,440	0	0	96,000	0	0	94,021	4	8	...	...	...	
Allowances ...	5,545	7	8	5,520	0	0	5,700	0	0	5,700	10	10	...	...	...	
(b) Stationery ...	4,580	6	8	4,500	0	0	8,500	0	0	8,592	8	3	...	...	...	
(c) Printing Charges ...	2,692	0	9	3,000	0	0	3,000	0	0	2,608	13	1	...	...	...	
(d) Advertising Charges ...	99	9	0	200	0	0	500	0	0	136	8	0	...	...	...	
(e) Law Charges and Stamp Duties ...	11	10	9	200	0	0	200	0	0	341	7	5	...	...	...	
(f) Office Furniture ...	282	10	5	300	0	0	200	0	0	315	0	10	...	...	...	
(g) Contingent ...	5,092	2	9	5,000	0	0	5,000	0	0	4,872	14	7	...	...	...	
(h) Labour ...	724	2	8	1,730	0	0	1,730	0	0	1,774	8	3	...	...	...	
(i) Clothing ...	3,523	8	6	3,500	0	0	2,500	0	0	2,242	0	9	...	...	...	
(j) Extra Writers, Coolies and Carts ...	5,227	6	4	6,000	0	0	6,000	0	0	5,065	15	11	...	...	...	
(k) Commissioners' Fees ...	40	0	0	300	0	0	300	0	0	...	...	...	...	...	...	
(l) Numbering Doors ...	349	14	0	180	0	0	180	0	0	149	1	0	...	...	...	
Total ...	1,18,975	3	10	1,24,870	0	0	1,29,810	0	0	...	...	...	1,25,820	13	7	
Total, Grant V ...	1,90,503	12	0	1,97,980	0	0	2,06,210	0	0	...	...	...	2,02,172	9	8	

			Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
Sinking Fund—																	
* W. W. Loan, 1869—	73	14.30,000...	28,600	0	0	28,600	0	0	28,600	0	0	28,600	0	0	...	...	...
G. T. Drainage Loan,	1887	1,00,000.	820	0	0	820	0	0	820	0	0	820	0	0	...	...	...
Do. do.	1888	1.50,000...	1,200	0	0	1,200	0	0	1,200	0	0	1,200	0	0	...	...	...
Do. do.	1889	1,50,000...	1,200	0	0	1,200	0	0	1,200	0	0	1,200	0	0	...	...	...
Water-works Loan,	1889	20,000...	170	0	0	170	0	0	170	0	0	170	0	0	...	...	...
G. T. Drainage Loan,	1890	50 000...	400	0	0	400	0	0	400	0	0	400	0	0	...	...	...
Water-works Loan,	1895	4,00,000...	3,050	0	0	3,050	0	0	3,050	0	0	3,050	0	0	...	...	...
Market Loan,	1897	1,00,000...	750	0	0	750	0	0	750	0	0	750	0	0	...	...	...
Plague Loan,	1899	2,00,000...	1,520	0	0	1,520	0	0	1,520	0	0	1,520	0	0	...	...	...
Water works Loan,	1899	50,000...	380	0	0	380	0	0	380	0	0	380	0	0	...	...	...
Drainage Loan,	1899	4,20,000...	3.190	0	0	3,190	0	0	3,190	0	0	3,190	0	0	...	...	...
Market Loan,	1899	1,50,000...	1,140	0	0	1,140	0	0	1,140	0	0	1,140	0	0	...	...	...
Drainage Loan,	1900	7 80,000...	5,930	0	0	5,930	0	0	5,930	0	0	5,930	0	0	...	...	...
Water-works Loan,	1900	1,50,000...	1,140	0	0	1,140	0	0	1,140	0	0	1,140	0	0	...	...	...
Plague Loan,	1900	1 00,000...	760	0	0	760	0	0	760	0	0	760	0	0	...	...	...
Sewer Loan,	1901-1902	1,20,000...	910	0	0	910	0	0	910	0	0	910	0	0	...	...	...
Drainage Loan,	1901-19 2	2,00,000...	1,520	0	0	1,520	0	0	1,520	0	0	1,520	0	0	...	...	...
Do.	1903	5,00,000...	3,800	0	0	3,800	0	0	3 800	0	0	3,800	0	0	...	...	...
* Do.	1905	7,00,000...	19,941	5	2	20,750	0	0	20,750	0	0	20,746	15	3	...	...	...
Special Buildings Loan,	1907	1,00,000...	2,100	0	0	2,100	0	0	2,100	0	0	2,100	0	0	...	...	...
* Drainage Loan.	1908	4,00,900...	10,126	8	10	10,540	0	0	10,540	0	0	10,535	10	8	...	...	...
Special Buildings Loan,	1909	4,25,000...	8,920	0	0	8,920	0	0	8,920	0	0	8,920	0	0	...	...	...
Napier Bridge Loan,	1909	1,00 000...	2,100	0	0	2,100	0	0	2,100	0	0	2,100	0	0	...	...	...
* Drainage Loan.	1909	4,00,000...	9,733	5	3	10,130	0	0	10,130	0	0	10,126	8	10	...	...	...
Napier Bridge Loan,	1910-1911	50,000...	1,040	0	0	1,040	0	0	1,040	0	0	1,040	0	0	...	...	...
* Drainage Loan,	1911	1,00,000...	2,246	11	11	2,340	0	0	2,340	0	0	2,337	8	2	...	...	...
Special Buildings Loan,	1912	3,00,000...	6,300	0	0	6,300	0	0	6,300	0	0	6,300	0	0	...	...	...
Do.	1913	3,42,000...	7,180	0	0	7,180	0	0	7,180	0	0	7,180	0	0	...	...	...
Do.	1914	2,00,000...	4,160	0	0	4,160	0	0	4160	0	0	4,160	0	0	...	...	...
Do.	1915	1,70,000...	3,540	0	0	3,540	0	0	3,540	0	0	3,540	0	0	...	...	...
Electric Lighting Loan,	1914	50,000...	1,040	0	0	1,040	0	0	1,040	0	0	1,040	0	0	...	...	...
Do.	1915	1,30,000...	2,700	0	0	2,700	0	0	2,700	0	0	2,700	0	0	...	...	...
Water and Drainage Loan	1915	13,00,000...	27,040	0	0	27,040	0	0	27,040	0	0	27,040	0	0	...	...	...
Electric Lighting Loan	1916	1,00,000...	2,080	0	0	2,080	0	0	2,080	0	0	2,080	0	0	...	...	...
* Water and Drainage Loan	1917	4,00,000...	30,372	0	0	32,070	0	0	32,070	0	0	32,068	3	9	...	...	...
* Drainage Loan	1918	9,00,000...	...	...	...	67,990	0	0	67,990	0	0	67,992	13	1	...	...	...
		Total ...	1,97,099	15	2	2,68,500	0	0	2,68,500	0	0	...	...	...	2,68,487	11	9
		Carried over ...	31,27,409	6	11	31,08,870	0	0	36,66,050	0	0	...	...	...	37,06,700	4	1

Items.	Actuals, 1918-19			Budget Estimate for 1919-20			Revised Estimate for 1919-20			Actuals, 1919-20. Details of Minor Heads.			Actuals, 1919-20. Totals of Major Heads.			Explanation of variations between the Actuals and the Revised Estimate of 1919-20.
1	2			3			4			5			6			7
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
Brought forward ...	31,27,409	6	11	31,08,870	0	0	36,66,050	0	0	...	...	...	3706,700	4	1	
Interest—																
* 4 o/o W. W. Loan, 1869-73 14,30,008 ...	57,200	0	0	57,200	0	0	57,200	0	0	57,200	0	0	...	...	...	
6 o/o G. T. Drainage Loan 1887 1,00,000 ...	7,200	0	0	6,000	0	0	6,000	0	3	6,000	0	0	...	...	...	
5 o/o Do. do. 1888 1,50,000 ...	7,500	0	0	7,500	0	0	7,500	0	0	7,500	0	0	...	...	...	
,, Do. do. 1889 1,50,000 ...	7,500	0	0	7,500	0	0	7,500	0	0	7,500	0	0	...	...	...	
,, W. W. Loan, 1889 20,000 ...	1,000	0	0	1,000	0	0	1,000	0	0	1,000	0	0	...	...	...	
,, G. T. Dranage Loan, 1890 50,000 ...	2,500	0	0	2,500	0	0	2,500	0	0	2,500	0	0	...	...	...	
4 o/o W. W. Loan 1895 4,00,000 ...	15,460	0	0	16,000	0	0	17,260	0	0	15,718	0	0	...	...	...	
,, Market Loan, 1897 1,00,000 ...	4,388	0	0	4,000	0	0	4,000	0	0	4,000	0	0	...	...	...	
,, Plague Loan, 1899 2,00,000 ...	8,000	0	0	8,000	0	0	8,000	0	0	8,000	0	0	...	...	...	
,, Water-works Loan, 1899 50,000 ...	2,000	0	0	2,000	0	0	2,000	0	0	2,000	0	0	...	...	...	
,, Drainage Loan, 1899 4,20,000 ...	16,860	0	0	16,800	0	0	16,800	0	0	16,800	0	0	...	...	...	
,, Market Loan, 1899 1,50,000 ...	6,160	0	0	6,000	0	0	6,120	0	0	5,696	0	0	...	...	...	
,, Drainage Loan, 1900 7,80,000 ...	32,716	0	0	31,200	0	0	32,580	0	0	31,072	0	0	...	...	...	
,, Water-works Loan, 1900 1 50,000 ...	7,364	0	0	6,000	0	0	6,000	0	0	6,000	0	0	...	...	...	
,, Plague Loan, 1900 1,00,000 ...	4,800	0	0	4,000	0	0	4,000	0	0	4,000	0	0	...	...	...	
,, Sewer Loan, 1901-1902 1,20,000 ...	4,540	0	0	4,800	0	0	8,400	0	0	5,380	0	0	...	...	...	
,, Drainage Loan, 1901-1902 2,00,000 ...	7,466	0	0	8,000	0	0	9,650	0	0	9,530	0	0	...	...	...	
,, Do. 1903- 5,00,000 ...	20,010	0	0	20,000	0	0	20,000	0	0	20,000	0	0	...	...	...	
,, Do. 1905 7,00,000 ...	20,333	14	0	19,530	0	0	19,530	0	0	19,528	3	11	...	...	...	
,, Special Buildings Loan 1907 1,00,000 ...	5,914	0	0	4,000	0	0	4,520	0	9	4,066	0	0	...	...	...	
,, Drainage Loan 1908 4,00,000 ...	12 893	7	2	12,480	0	0	12,480	0	0	12,484	5	4	...	...	...	
,, Special Buildings Loan 1909 4,25,000 ...	17,728	0	0	17,000	0	0	17,030	0	0	17,024	0	0	...	...	...	
Napier Bridge Loan, 1909 1,00,000 ...	4,000	0	0	4,000	0	0	4,000	0	0	4,000	0	0	...	...	...	
* ,, Drainage Loan. 1909 4,00,000 ...	13,286	10	9	12,890	0	0	12,890	0	0	12,893	7	2	...	...	...	
,, Napier Bridge Loan 1910-11 50,000 ...	2,986	0	0	2,000	0	0	2,400	0	0	2,314	0	0	...	...	...	
* ,, Drainage Loan, 1911 1,00,000 ...	3,507	4	1	3,420	0	0	3,420	0	0	3,416	7	10	...	...	...	
,, Special Buildings Loan 1912 3,00,000 ...	15,144	0	0	12,000	0	0	12,000	0	0	12,000	0	0	...	...	...	
,, Do. 1913 3,42,000 ...	13,620	0	0	13,680	0	0	13,840	0	0	13,620	0	0	...	...	...	
,, Do. 1914 2,00,000 ...	8,000	0	0	8,000	0	0	8,040	0	0	7,640	0	0	...	...	...	
, Do. 1915 1,70,000 ...	8,680	0	0	6,800	0	0	6,960	0	0	6,740	0	0	...	...	...	
,, Electric Lighting Loan, 1914 50,000 ...	2,000	0	0	2,000	0	0	2,000	0	0	2,000	0	0	...	...	...	
,, Do. 1915 1,30,000 ...	5,990	0	0	5,200	0	0	5,440	0	0	5,370	0	0	...	...	...	
,, Repayment Loan, 1915 2,04,680 ...	...	0	0	...	...	...	...	...	...	...	...	...	...	...	...	
5 o/o Water and Drainage 1916 13,00,000 ...	64,552	8	4	65,000	0	0	66 430	0	0	60,847	8	0	...	...	...	
,, Electric Lighting 1916 1,00,000 ...	5,000	0	0	5,000	0	0	5,000	0	0	3,500	0	0	...	...	...	
* 6 o/o Water and Drainage 1917 4,00,000 ...	23,400	0	0	21,700	0	0	21,700	0	0	21,703	12	3	...	...	...	
* ,, Drainage Loan 1918 9,00,000 ...	20,416	7	0	53,000	0	0	53,000	0	0	52,995	2	11	...	...	...	
Total ...	4,60,116	3	4	47,6,200	0	0	4,87,190	0	0	...			4,72,038	15	5	Decrease due to claim not preferred and paid for in the year

Advances Recoverable—																
i Permanent ...	25	0	0	...	...	...	...	...	...	110	0	0				
ii Others ...	61,970	5	9	1,000	0	0	...	...	...	17,970	4	1				
Total ...	61,995	5	9	1,000	0	0	...	...	...	...	...	...	18,080	4	1	Represents advances made in the year.
Refund of other than current collections ...	57,571	9	3	40,000	0	0	40,000	0	0	...	...	...	36,889	13	9	
Discount	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	
Pensions and Gratuities—																
(a) Superior Grade ...	25,443	9	2	25,500	0	0	25,700	0	0	25,501	6	6				
(b) Inferior Grade ...	2 106	1	10	2,000	0	0	1,900	0	0	1,952	9	10				
Total ...	27,549	11	0	27,500	0	0	27,600	0	0	...	...	...	27,454	0	4	
Transferred to Capital Account ...	1,76,000	0	8	2,19,690	0	0	7,300	0	0	...	...	...	6,360	0	0	
Total Expenditure ...	39,10,642	4	11	38,73,260	0	0	42,28,140	0	0	...	...	...	42,67,523	5	8	
Closing Balance—																
General Fund ...	5,71,200	9	11	1,08,070	0	0	1,51,840	0	0	1,44,086	12	3				
Water and Drainage Fund ...	...	...	...	...	...	...	...	...	...	...	...	...				
Lighting Fund ...	...	...	...	...	...	...	...	...	...	...	...	...				
Total ...	5,71,200	9	11	1,08,070	0	0	1,51,840	0	0	...	...	...	1,44,086	12	3	
Grand Total ...	44,81,842	14	10	39,81,330	0	0	43 79,980	0	0	...	...	...	44,11,610	1	11	

N.B.—Sums aggregating Rs. 22,54,700-13-0 were transferred from the General Fund to the credit of the Water and Drainage Fund to close the latter account in pursuance of G. O. No. 519-M., Local and Municipal, dated 4th June 1887, up to 31st March 1920.

Statement showing the Liabilities and Assets as closed in the Books on the 31st March 1920 and forming the Opening Balances of 1920-1921.

List of Liabilities or Credit Balances transferred to the ensuing year—	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
BALANCE OF LOANS—									
* Waterworks Loan of 1869-73							14,30,000	0	0
G. T. Drainage Loan 1887							1,00,000	0	0
Do. 1888							1,50,000	0	0
Do. 1889							1,50,000	0	0
Waterworks Loan 1889							20,000	0	0
G T Drainage Loan 1890							50,000	0	0
Waterworks Loan 1895							4,00,000	0	0
Market Loan 1897							1 00 000	0	0
Plague Loan 1899							2,00,000	0	0
Waterworks Loan 1899							50,000	0	0
Drainage Loan 1899							4,20,000	0	0
Market Loan 1899							1,50,000	0	0
Drainage Loan 1900							7,80,000	0	0
Waterworks Loan 1900							1,50,000	0	0
Plague Loan 1900							1,00,000	0	0
Sewer Loan 1901-02							1 20,000	0	0
Drainage Loan 1901-02							2,00,000	0	0
Do. 1903							5,00,000	0	0
* Do. 1905							4,72,594	8	4
Special Buildings Loan 1907							1,00,000	0	0
*Drainage Loan 1908							3,04,180	8	10
* Do 1909							8,14,716	3	8
Special Buildings Loan 1909							4,25,000	0	0
Napier Bridge Loan 1909							1,00,000	0	0
Do. 1910-11							50,000	0	0
*Water-supply and Drainage Loan 1910-11							88 653	5	5
Special Buildings Loan 1912							3,00,000	0	0
Do. 19 3							3,42,000	0	0
Do. 1914							2,00.000	0	0
Electric Lighting Loan 1914							50,000	0	0
Do. 1915							1,30,000	0	0
Special Buildings Loan 1915							1,70,000		
Water and Drainage Loan 1916							13,00,000	0	0
Electric Lighting Loan 1916							1,00,000	0	0
*Water and Drainage Loan 19 7							3.37,559	12	3
*Drainage Loan 1918							8,32,007	2	11
Deposits to be adjusted							3,49,355	2	6
Unpaid Liabilities							30,123	0	0
List of Assets or Debit Balance transferred to the ensuing year—									
MUNICIPAL BALANCE—									
Revenue	1,44,086	12	3						
Loan	4,28,895	8	8	5,72,982	4	11			
DEPOST BALANCE—									
Cash	1,01,819	13	5						
Fixed Deposit	61 615	5	1						
Government Securities, etc.	1,85,920	0	0	3,49,355	2	6			
SINKING FUND FOR THE LIQUIDATION OF									
*Waterworks Loan of 1869-73	14,69,600	0	0						
George Town Drainage Loan of 1887	47,443	6	6						
Do. do ,, 1888	66,458	10	2						
Do. do. ,, 1889	64,822	7	9						
Waterworks ,, 1889	8,663	6	9						
Drainage ,, 1890	20,280	6	6						
Waterworks ,, 1895	1,27,021	10	7						
Market ,, 1897	29,543	7	9						
Plague ,, 1899	49 567	12	0						
Waterworks ,, 1899	12,179	12	8						
Drainage ,, 1899	1,01,934	2	6						
Market ,, 1899	36,469	1	1						
Drainage ,, 1900	1,77,523	10	9						
Waterworks ,, 1900	33,699	5	11						
Plague ,, 1900	22,642	11	4						
Sewer ,, 1901-02	23,885	9	2						
Drainage ,, 1901-02	39,220	7	8						
Do. ,, 1903	91,486	1	8						
Special Buildings ,, 1907	36,587	13	9						
Do. ,, 1909	1,12,978	10	5						
Napier Bridge ,, 1909	26,776	11	2						
Do. ,, 1910-11	11,338	1	10						
Special Buildings 1912	60,390	0	5						
Do. ,, 1913	49 676	12	8						
Do. ,, 1914	27,569	2	4						
Electric Lighting ,, 1914	6,870	1	3						
Special Buildings ,, 1915	20 293	8	6						
Electric Lighting ,, 1915	15,451	11	2						
Do. ,, 1916	7,573	4	6						
Water and Drainage ,, 1916	98,819	2	2	28,96,767	2	11			
Carried over ...				38,19,104	10	4	1,10,61,189	0	0

* Loans from Government.

Statement showing the liabilities and Assets as closed in the Books on the 31st March 1920 and forming the opening Balances of 1920-21.

	Amount	Amount.
	Rs.	Rs.
Brought forward.	38,19,105	1,10,61,190
Value of Municipal buildings	44,24,121	
do do lands	7,28,274	
do tools and plant and materials	68,67,008	
do furniture	48,463	
do live stock	1,43,800	
Arrears of Taxes &c.	1,75,937	
Advances Recoverable	6,31,807	
Total Assets.	1,68,38,515	
Total liabilities.		1,10,61,190

Statement II-A—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 and upwards.

CAPITAL ACCOUNT.

PART I—NEW WORKS.

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	GRANT I—			
	1. New Works			
	(b) Buildings.			
	(i) Loan Funds.			
1	Construction of model schools	5,000		
(a)	Constructing a model school near Harbour site	...	...	In progress.
(b)	Constructing a (T) type Model school in Mirsaibpet	...	807	Do.
2	Construction of a model school at Tiruvottiyur High Road ...	7,25	6,585	Complet ed
3	Do. at Oobrapalayam ...	6,200	6,212	Paid in full.
4	Do. at Edapalayam ...	425	5	Completed.
5	Constructing a Manual training class shed in Edapalayam model school compound ...	1,890	1,887	Paid in full.
6	Payment made to hut owners evicted from the site of Port Trust leased to the Corporation for a model school	...	300	Sanctioned by S C on 30-1-20.
	(ii) Municipal Funds.			
7	Constructing a laboratory building at the rear of Ripon Buildings	9,400	5,865	Nearing Completion
8	Constructing quarters for two overseers at Kilpauk	6,920	3,419	In progress.
9	Constructing a lorry loading station at Appavoo Gramany Street, Triplicane ...	2,05 8	1,912	Do.
	Carried over ...	39,960	26,992	

STATEMENT 11-A—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 and upwards.

CAPITAL ACCOUNT.

PART I—NEW WORKS—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
	Brought forward ...	39,960	26,992	
	GRANT I—*Public Works*—(Contd,).			
	1. NEW WORKS—(*Contd.*).			
	(ii) **Municipal Funds**—(*Contd.*).			
10	Constructing a dhobykhana in Robinson Park and re-building the fallen portions of the drying sheds	8,645	8,620	Paid in full.
11	Extensions to the existing dhobykhana at Chetput	3,550	3,546	Do.
12	Constructing scavenger's lines at Goyatope.	20,065	11,998	In progress
13	Constructing a lorry loading station at Vasapmode Paracheri	900	902	Paid in full.
14	Constructing quarters for the Kilpauk Pumping station Staff	1,880	967	Paid in full (arrear work.
	Total ...	75,000	53,025	
	Debit Rs. 18 taken into Rev. Account ..	...	18	
	Total ...	75,000	53,043	

STATEMENT II-A—Details of Allotment for Expenditure on Public Works executed by the Special Works Department, and estimated to cost Rs. 100 and upwards.

CAPITAL ACCOUNT.

PART I—NEW WORKS—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	GRANT 1.—*Public Works* (Contd).			
	1. New Works—(*Contd*).			
	(*c*) **Drainage**—*Special*			
	Ice House Road Area.			
1	Construction of a new Pumping Station including Pumping Machinery ...	45,000	23,709	In Progress.
2	Relaying Ice House Road sewer with 24 inches, 27 inches and 30 inches cast iron sewers ...	20,000	1,114	Do.
3	Relaying Cement pipe sewers likely to collapse ...	3,000	16,041	
4	Connecting existing sewers with New Pumping Station ...	12,000	11,785	
5	Pumping Main from Pumping Station ...	...	2	
	Napier Park Area.			
6	Construction of new Pumping Station including Pumping Machinery ...	75,000	29,370	In Progress.
7	Relaying sewers in Triplicane and laying new sewers in insanitary areas including house connections	30,000	31,068	Do.
8	Napier Park Gravitation Main ...	1,000	Cr. 4,160	Completed.
9	Connecting existing sewers to new Pumping Station ...	5,000	5,557	
10	Pumping Main from Pumping Station ...	8,000	9,378	
	Law College Area			
11	21 inches and 30 inches sewers in China Bazaar Road and other necessary sewers. ...	1,000	153	Completed.
	Royapuram Area.			
12	Sewer laying including house connections ...	50,000	77,946	In Progress.
	Tondiarpet Drainage.			
13	Necessary sewer extensions ...	1,000	24	Do.
14	House drainage & house connections	1,200	1,324	Do.
	Carried over ...	2,52,200	2,03,311	

STATEMENT II. A—Details of Allotment for Expenditure on Public Works executed by the Special Works Department and estimated to cost Rs. 100 and upwards.

CAPITAL ACCOUNT.

PART I—NEW WORKS—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	2,52,200	2,03,311	
	Sewage Farm Pumping Station.			
15	New out-fall sewer to sea ...	60,000	94,638	
	Purasawalkam Drainage.			
16	Sewers manholes, etc ...	45,000	57,111	In progress.
17	Pumping Station including Machinery ...	35,000	15,571	do.
18	Pumping Main No. 6 ...	40,000	Cr. 7,886	do.
19	Gravitation Main No. 5 excluding upper part of brick sewer ...	500	Cr. 41	Completed.
20	Gravitation Main No. 1 ...	500	Cr. 839	Completed.
21	Edward Elliots Road New Pumping Station ...	...	169	
	Miscellaneous.			
22	Supply and services (Home charges)	3,000	2,493	
23	Stores, tools and plant (Suspense account) ...	1,50,000	2,41,292*	
24	Miscellaneous ...	10,000	7,593	
		5,96,200	6,13,412	
	Realization by sale of stores. Cr.	2,00,000	3,24,193	
	Total ...	3,96,200	2,89,219	

* Includes Rs. 15,531-0-0 incurred for the construction of additional filter beds in kilpauk.

STATEMENT II-A.—Details of Allotment for Expenditure on Public Works executed by the Special Works Department, and estimated to cost Rs. 100 and upwards.

CAPITAL ACCOUNT.

PART I—NEW WORKS—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	GRANT I—*Public Works*—(Contd.)			
	1. NEW WORKS—(*Contd.*)			
	(*d*) **Water-supply**—*Special.*			
1	Laying water pipes in places where water supply is deficient. ...	20,910	17,775	In Progress.
2	Distribution works Contract M & M No. 22 A for Venturi meters and waste-not taps. ...	25,700	...	
		46,610	17,775	
	Realization by sale of stores	Cr.2,750	Cr.11,528	
	Total ...	43,860	6,247	

Statement 11-A— Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART I—NEW WORKS.

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks,
		Rs.	Rs.	
	GRANT I—*Public Works*—(Contd.).			
	1. New Works—(*Contd.*).			
	(*a*) **Communications.**			
1	Acquisition of land for opening a lane to connect Egmore High Road with Sawmi Reddy Street	750	...	Acquisition with-drawn.
2	Acquisition of land and buildings for widening Venkatachella Naick Street, Egmore...	616	616	Paid in full.
3	Acquisition of land for widening Jani Jan Khan Bahadur Street 2nd lane ...	9,793	...	Award has not yet been made
4	Raising the roads near the approaches to the recently built culvert at the junction of Kanda Pillai Street, Subroya Gramony Street and Venkatachella Pillai Street ...	2,500		Completed.
5	Constructing a side channel along Thiruvengada Mudaly Street	585	585	Paid in full.
6	Providing the footpath in North Beach Road with a retaining wall and raising the glacis behind the retaining wall with sand, etc. ...	8,500	6,797	In progress.
7	Acquisition of 98 sq. ft. of land in R. S. No. 8846 of Georgetown for widening Hanumantharoyan Koil Street ...	117	117	Paid in full.
8	Acquisition of land and buildings for rounding off the corners of Victoria Crescent ...	3,522	3,835	The excess over the provision has been made-up by realization of Rs. 1,019, the cost of superstructure of 7 stalls on the acquired portion sold to Government, the amount having been credited to other items.
9	Acquisition of land and building as is sufficient for purposes of road connecting Byramjwng Street with Mount Road ...	984	984	Paidin full.
10	Acquisition of land in R. S. No. 47 of Purasawakkam for rounding off the corner at the junction of Audiappa Mudaly Street with Lawders Gate Road	250	250	Do.
11	Acquisition of land in R. S. No. 2340 of Triplicane for widening Venkatasa Naick Street	2,916	2,916	Do.
	Carried over ...	30,533	16,100	

STATEMENT II-A—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART I—NEW WORKS—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	30,533	16,100	
	GRANT I.—*Public Works*—(Contd.).			
	1. NEW WORKS—(*Contd.*).			
	(*a*) **Communications**—(*Contd.*).			
12	Constructing a culvert at the junction of (1) Subba Naidu Street and Avadanam Paupier Road (2) Krishnan Koil lane and Avadanam Paupier Road	138	138	Paid in full.
13	Raising and metalling with laterite and gravel the proposed roads in R. S. No. 352 of Tondiarpet, east of Thandavamoorthi Chetti Street	300	272	Do,
14	Constructing a footpath along Poonamalli High Road from General Hospital Bridge to Sydenhams Road	1,543	1,543	Paid in full.
15	Amount of award, court costs and fees for filing an appeal regarding acquisition of land at Raghava Chetti Street, junction of Murugesa Mudaly Street, required for road purposes	3,322	3,472	Action is being taken to obtain the sanction of the Council for excess amount paid.
16	First contribution to Government towards the widening of bridges near the Government House and the Penitentiary for laying new tram lines	25,000	25,000	
17	Petty works	664	420	
	Total ...	61,500	46,945	
	Deduct probable savings ...	...	...	
	Total ...	61,500	46,945	
	(*b*) **Buildings.**			
1	Constructing a compound wall and cremation platform at Krishnampet ...	2,950	559	In progress. Sanctioned by S. C. on 30-9-19.
2	Constructing corrugated iron roof shed at Krishnampet burial ground ...	831	831	Paid in full
3	Constructing 11 burning ghats (platforms) in Washermanpet burial ground ...	1,200	1,193	Do.
		4,981	2,583	

STATEMENT II. A—Details of Allotment for Expenditure on Public Works executed by the Special Works Department and estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART I—NEW WORKS—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	4,981	2,583	
	GRANT I.—*Public Works*—(Contd.),			
	1. NEW WORKS—(*Contd.*).			
	(*b*) **Buildings**—(*Contd.*).			
4	Constructing a bathing fountain at Badriah Garden Street	3,910	1,868	Building complete; water pipe is being laid.
5	Constructing bathing fountains and flush-out latrines, etc.			
(*a*)	Constructing a bathing fountain in Mistura Begam Sahiba Street	650	362	Completed
6	Constructing a flush-out latrine at Nochi Kuppam	3,188	3,163	Paid in full.
7	Do at Ebramjee Sahib Street ...	4,700	...	Completed.
8	Do at Corporation Stores ...	1,265	1,094	Paid in full.
9	Constructing flush-out latrines in the 6th, 18th and 19th Divisions —			
(*a*)	Do at Law College Pumping Station ...	4,015	...	Completed.
(*b*)	Do Venkatarangam Pillai Street ...	5,314	5,168	Paid in full.
(*c*)	Do Ammen Kovil Street	4,371	4,947	Do. Excess of Rs. 576 has been sanctioned by Commissioner on 6-3-20 under section 80 (3) of new Municipal Act.
10	Improvements to the cattle depots in the City :—			
(*a*)	Removing the existing pan-tiled roof and replacing with Mangalore tiles, etc., to one of the sheds at 'A' depot	4,124	4,124	Paid in full.
11	Constructing retaining walls and mangers to the five cattle sheds in 'A' depot, Basin Bridge Road	7,145	3,730	Do. (Further work stopped).
12	Draining 'F' bullock depot and connecting it with sewer in Barbers Bridge Road ...	410	396	Do.
13	Reconstructing the fallen gram depot with new iron trusses	4,721	4,721	Do.
	Carried over ...	48,794	32,156	

STATEMENT 11-A—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART I—NEW WORKS.—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs	Rs,	
	Brought forward ...	48,794	32,156	
	GRANT I.—*Public Works*—(Contd.).			
	I. NEW WORKS—(*Contd.*).			
	(*b*) **Buildings**—(*Contd.*).			
14	Constructing a gram boiler shed at the central gram depot	3,360	3,212	Paid in full.
15	Raising walls of latrine at Vasapmode Dumping ground	250	248	Do.
16	Constructing 6″ masonry drain and cistern in Dhobikhana, Robinson Park	575	575	Do.
17	Improvements to the Isolation Hospital, Krishnampet, including electric installations	2,400	1,787	Do.
18	Fixing Italian "Dadu" tiles in the rooms of the labour ward of the Lying-in-Hospital and fixing additional lamps, etc. ...	3,517	3,340	Do.
19	Erecting a shed for storing petrol at Workshop	310	262	Do.
20	Reconstructing the existing tollgate at Perambore High Road, setting it back for improving the road junction	1,150	...	Work ordered to be stopped.
21	Constructing an experimental thatched shed in Kasimodu	487	487	Paid in full.
22	Construction of a compound wall in rear of Washermanpet dispensary	240	205	Do.
23	Petty works	717	867	
	Total ...	61,800 ...	43,139 —*18	
	Total ...	61,800	43,121	

* Credit Rs. 18 paid under Capital Account.

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STATEMENT II-A.—Details of Allotment for Expenditure on Public Works executed by the Special Works Department, and estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART I—NEW WORKS—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	GRANT I.—*Public Works*—(Contd.).			
	1, NEW WORKS—(*Contd.*)			
	(*c*) **Drainage.**			
I	Constructing storm-water and side drains—			
1	Constructing 4″ masonry drain in Anna Pillai 3rd Lane to a length of 225 feet ...	305	305	Paid in full
2	Constructing open masonry drain 6″ in Velayuda Mudaly Lane (cross) in Muthialpet	2,600	2,587	Do.
3	Constructing 6″ open masonry drain in Kutti Thambiran Street and connecting it with malaria drain	200	84	Completed.
4	Constructing drains in Venkatarayan Street.	115	38	Do.
5	Construction of surface drains 4″, 6″ and 9″ in Chucklipalayam	1,700	1,900	Paid in full
6	Constructing 6″ drain throughout the acquired portions of Supari Gunta Paracheri ...	7,460	3,781	In progress.
7	Constructing storm water separator in Thiruvengada Naick Street, Palmyra Kuppam.	200	118	Completed.
8	Constructing storm-water drain to prevent the flooding of South Triplicane ...	7,000	14,223	In progress.
9	Constructing storm-water drain behind the Central Record Office, Egmore ...	3,000	8,141	Completed.
10	Constructing storm-water drain across the Salt Depot in Wall Tax Road ...	10,000	18,983	In progress.
11	Laying sewers			
12	Laying sewers in Karpura Mudaly Street, Varasiddhi Vinayagar Kovil Street and Sandusa Street, etc.	6,000	6,029	Paid in full.
13	Dismantling and reconstructing syphon boxes in Periamet	15,000	11,955	In progress.
	Carried over ...	53,580	68,144	

STATEMENT II. A—Details of Allotment for Expenditure on Public Works executed by the Special Works Department and estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART I—NEW WORKS—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	53,580	68,144	
	GRANT I.—*Public Works*—(Contd.).			
	1. NEW WORKS—(*Contd.*).			
	(*c*) **Drainage**—(*Contd*).			
14	Laying 4″ sewer with house connections and constructing manholes at Usman Street, junction of Velayuda Chetti Street ...	500	392	Paid in full.
15	Doing connection of drain to the premises named "Pasupathi Agraharam" in Mandavalli, Mylapore	155	159	Do.
16	Laying 6″ sewer with house connections in Muthukrishnan Street and connecting the same with the sewer in Muthu Gramony Street	3,400	1,546	Do.
17	Extending sewer in Batcha Garden 2nd Lane, including house connections in Mylapore area	600	...	Not Commenced
18	Extending sewer in Aslambi Street and connecting it with the head manhole in Angamuthu Naick Street	1,100	850	Paid in full.
19	Laying 6″ sewer and constructing a manhole in Narayana Dasari Street, at the top and of Egmore Paracheri	660	622	Do.
20	Laying 6″ sewer and constructing a manhole at Sannadhi Street, Mylapore ...	1,325	969	Do.
21	Making house connections to sewers in Thackers Street	1,650	1,370	Do.
22	Extending 6″ sewer in Rosary Church Lane from the junction of Muthukrishnan Street to Sullivans Road Gardens	950	655	Do.
23	Draining the Washermanpet swamps and Railway Burrowpits	5,000	9,073	In Progress.
24	Making sanitary improvements in 13th Division and laying sewer and house connections in Vengu Pillai Street, Sawmi Reddi Street, etc.	3,200	888	Completed.
25	Extending sewer in Narayanappa Naick Lane	580	343	Paid in full.
26	Laying 4″ sewer in Jeremiah's Road including house connections	1,110	859	Completed.
	Carried over ...	73,810	85,870	

STATEMENT II-A—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART I—NEW WORKS—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	73,810	85,870	
	GRANT I.—*Public Works*—(Contd.).			
	1. NEW WORKS—(*Contd.*)			
	(*c*) **Drainage**—(*Contd.*)			
27	Extending sewer in Royapettah Bazaar Road	305	305	Paid in full
28	Laying 6″ sewer in Madhi Hussain Sahib Street	1,500	...	Work stopped by order of D. S.
29	Laying sewer in Dally Road and connecting with the sewer running in Hospital Lane, Purasawakkam	630	628	Paid in full.
30	Laying sewers with house connections in Krishnampet model school lanes ...	740	725	Do.
31	Connecting the drain in Perumal Mudaly Street with the sewer and constructing silt catcher chamber	275	275	Paid in full.
32	Doing 4″ S. W. pipe connections and constructing a new manhole with storm-water separater in Wallers Road	230	230	Do.
33	Laying 6″ sewer in Venkatasawmy Pillai Street and cross lane	750	715	Do.
34	Connecting the house drains in the rear side of Ashtabujam Road	440	243	Completed.
35	Laying 6″ sewer in Sherfudden Garden Street	150	15`	Paid in full.
36	Laying sewer with house connections in Pusala Paracheri Street and constructing a storm-water separator, etc.	970	699	Completed.
37	Laying 6″ sewer and doing house connections in Mohamed Hussain Khan Lane ...	620	608	Paid in full.
38	Laying 6″ sewer in Mir Ashag Hussain Saib Street	710	709	Do.
39	Extensions of sewers in Cox Paracheri ...	810	967	Stopped by order of A. E. D (S. W. D.)
40	Extension of Whites Road sewer towards Mount Road and joining the existing Whites Road sewer with the head man-hole in West Cott Road	275	275	Paid in full.
41	Improvements to Kelley's drain, Georgetown.	1,200	4,847	Completed Excess will be met from other items.
	Carried over ...	83,415	97246	

STATEMENT II-A.—Details of Allotment for Expenditure on Public Works executed by the Special Works Department, and estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART I—NEW WORKS—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs,	Rs.	
	Brought forward ...	83,415	97,246	
	GRANT 1.—*Public Works*—(Contd.).			
	1. NEW WORKS—(*Contd.*).			
	(*c*) **Drainage.**—(*Contd.*).			
42	Regrading and re-sectioning the large side drains in Sydenhams Road	600	546	Paid in full.
43	Petty works	1,315	1,501	
44	Manufacturing 5,000 cast-iron silt-catcher buckets to be substituted for wrought-iron buckets now in use	7,000	5,500	
45	Covering side drains in Triplicane High Road	10,000	6,326	In Progress.
46	Covering open drain in Monegar Choultry Road	10,000	...	Not commenced
47	Covering open drain in Ice House Road ...	10,000	...	Do.
48	Covering open drain in Poonamallee High Road	950	...	Do.
49	Removing and reconstructing the masonry drain in the lane bearing R. S. No. 1067 of Egmore off Conjeevaram Pachiappa Mudaly Street	...	82	S. C. on 11-4-19. Paid in full.
50	Providing 4" Cast-iron pipes for the cross drains in Elakandappan Street and Singannan Street	...	153	S. C. on 12-3-20. In Progress.
	Total ...	1,23,280	1,11,354	
	(*d*) **Water-supply.**			
I	Purchasing and fixing meters	31,297	7,146	
1	Fixing 1" meter at No. 9. St. Thome High Road	125	...	Not commenced.
2	Do in A. B. Hunters lane	170	...	Do.
3	Do at No. 1. Commander-in-Chief Road.	105	101	Paid in full.
4	Do in 'Sri Vani Vilas' in Mowbrays Road.	170	2	In Progress.
5	Do at No. 21, Thengur Selva Vinayagar Coil Street ...	125	...	Not commenced.
	Carried over ...	31,992	7,249	

STATEMENT 11-A—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART I—NEW WORKS.—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	31,992	7,249	
	GRANT 1.—*Public Works*—(Contd.).			
	1. NEW WORKS—(*Contd.*).			
	(*d*) **Water-supply**—(*Contd.*).			
6	Fixing 1″ meter at Moslim Choultry, Poonamallee High Road ...	130	...	Not commenced.
7	Do at No. 1, Poonamallee High Road.	275	270	Paid in full
8	Repairing the old worn-out meter at Nos. 3 and 4, Purasawakkam High Road ...	270	257	Do.
9	Fixing 1¼″ meter to premises No. 167, Armenian Street	140	...	Not commenced.
10	Fixing 1″ meter to premises No. 16, Errabalu Chetti Street	130	...	Do.
11	Fixing meter to the premises of Messrs. Wilson & Co. in Jehangir Street ...	125	3	In Progress.
12	Fixing a meter at No. 46, China Bazaar Rd.	120	4	Completed.
13	Do at 39, Main Road ...	150	30	Do.
14	Do 37 do ...	150	31	Do.
15	Do at Inspector's quarters, Old Jail Street ...	150	31	Do.
16	Do at 24/1, Main Road ...	150	31	Do.
17	Fixing a meter at 2/128, Tiruvottiyur High Road ...	150	32	Completed.
18	Do at 36, Main Road ...	150	31	Do.
19	Do at Traffic Superintendent's Office, North Beach Road...	150	31	Do.
20	Do at 142, Tiruvottiyur High Rd.	150	30	Do.
21	Do at 134, Do ...	150	31	Do.
22	Do at 260, Do ...	150	31	Do.
23	Do at No. 1, North Madah Church Street ...	150	31	Do.
24	Do at 41, Main Road ...	150	33	Do.
25	Do at "Palm House" Kalmantapam Road ...	150	32	Do.
	Carried over ...	35,132	8,188	

STATEMENT II-A—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART I—NEW WORKS—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	35,132	8,188	
	GRANT I.—*Public Works*—(Contd.).			
	1. NEW WORKS—(*Contd.*).			
	(*d*) **Water-supply—**(*Contd*).			
26	Fixing a meter at 42, Main Road ...	150	31	Completed.
27	Do at 3, Kumbalammen Coil St.	150	35	Do.
28	Do at 309, Mint Street ...	...	83	Do. S. C. on 15-12-1[illegible]
29	Fixing ½" meter to No 6, Venkatramier St., 7th Division	...	78	Completed. S. C. on 19-11-19.
30	Petty works	7,000	5,802	
II	Purchasing and fixing hydrants	500	94	
III	Laying and cleaning pipes already laid ...			
1	Laying 2" new main from China Bazaar Road to the dead end of Narasimha Dasari Street	285	285	Paid in full.
2	Cleaning 4" main in Krishnamachari Road ...	350	155	Completed.
3	Erecting a new public fountain in Aziz Mulk Street	230	188	Do.
4	Fixing a stand pipe in Motor Garage next to Workshop	110	71	Paid in full, Estimate revised for 145 on 8-5-20- Half the cost to be borne by Health Department.
5	Laying 2" Cast-iron pipe from Manikka Maistry Street to Mahomed Hussain Street ...	250	...	Completed.
6	Laying 2½" pipe in Sirdarjang Garden Street..	300	...	Do.
IV	Petty works	543	996	
1	Fixing a public fountain in Subroya Mudaly Street junction of Batcha Sahib Street ...	...	108	Commissioner on 5-1-20 Completed.
2	Laying 1" pipe from Padavattammen Coil Street and erecting a fountain at the south gate of C-2 Police lines, Peddu Naicken Street	...	149	Prest. on 20-11-19 Completed.
3	Laying 2" main in Egappa Naick Street from Basavian Street and erecting a fountain ...	...	365	Do. 10-10-19 Paid in full.
	Carried over ...	45,000	16,628	

STATEMENT II. A—Details of Allotment for Expenditure on Public Works executed by the Special Works Department and estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART I—NEW WORKS—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	45,000	16,628	
	GRANT I—*Public Works*—(Contd.).			
	1. NEW WORKS—(*Contd.*).			
	(*d*) **Water-supply**—(*Contd.*).			
4	Shifting the public fountain in Triplicane High Road Rice Depot, close to Police lines in Dera Venkatasawmi Naick Street ...	...	115	Prest on 5-11-19 Completed.
5	Laying 1" pipe from Davidson St. and erecting a fountain to B I and B II Police lines in the same Street	...	75	Do. 12-11-19 Paid in full.
	Total ...	45,000	16,818	
	Miscellaneous.			
1	Extending the culvert and constructing a retaining wall and carrying out other improvements to the open ground near the mosque in Mount Road opposite Madras Stable Company's premises	180	180	Paid in full.
2	Constructing a revetment and apron to the outflow channel of the sewage farm, Tondiarpet	800	800	Do.
3	Filling up the breach on the eastern side of the proposed revetment to the outfall channel in the Georgetown sewage farm	248	248	Do.
	Petty works	272	1	
	Total ...	1,500	1,229	

STATEMENT II-A—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART II—REPAIRS.

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs	
	GRANT I—*Public Works.*			
	2. REPAIRS.			
	(*a*) **Communications.**			
1	Reform of roads including tar and asphalte...	3,28,000	3,17,183	
2	Labour for roads	65,000	59,522	
3	Fuel, oil, sundries, etc. for road rollers ...	15,000	22,479	High price of coal.
4	Repairs—materials	30,000	30,500	
5	Repairs to culverts and footpaths :—			
(*a*)	Extending 2 culverts in D'Caster Road ...	682	568	Paid in full.
(*b*)	Repairs to culvert in the 14th Division ...	200	178	Do.
(*c*)	Constructing a slab culvert at the junction of Cooks Road and Farrens Road ...	451	451	Do.
(*d*)	Extending Mandapam Road culvert ...	920	920	Do.
(*e*)	Repairing 11 culverts in Ennore Road ...	180	172	Do.
(*f*)	Do. near Quibble Island ...	...	90	Do. **Prest. on 19-11-19**
(*g*)	Petty works	967	603	...
6	Repairs to bridges—Canal Bridges			
(*a*)	Plastering with cement the Hospital bridge	456	456	Paid in full.
(*b*)	Repairs to Shunkuwar Street bridge ...	1,650	1,401	Completed.
(*c*)	Repairs to foot bridge on the Buckingham Canal in Parthasarathy Kuppam ...	450	395	Do.
(*d*)	Repairs to the College and Munro bridges ...	180	179	Paid in full.
(*e*)	Repairing the bridge at Adyar ...	220	205	Do.
(*f*)	Repairing 5 bridges in South Range ...	1,350	773	...
(*g*)	Do, 6 bridges in the 14th Division ...	580	488	Paid in full.
(*h*)	Scraping and cement plastering of the bottom girders and painting the same with Cuirass paint in Napier Bridge ...	500	387	In progress.
	Petty works	479	133	
7	Petty works			
(*a*)	Shifting 5 existing tramway posts and re-erecting 7 new posts in Broadway ...	715	715	Paid in full.
	Carried over ...	4,47,980	4,37,798	

STATEMENT II-A—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART II—REPAIRS—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	4,47,980	4,37,798	
	GRANT I—*Public Works*—(Contd.).			
	2. REPAIRS—(*Contd.*).			
	(*a*) **Communications**—(*Contd.*).			
(*b*)	Fixing air-tight light covers over cesspools at the junction of Angappa Naick Street and Post Office Street	210	...	Not commenced.
(*c*)	Minor works	2,075	1,820	
	Total ...	4,50,265	4,39,618	
	(*b*) **Buildings.**			
	I Repairs and improvements to Municipal Buildings	9,197	1,0407	
1	Painting with Peripan paint 'B' and special wards and wood-oiling two staircases (downstairs) in Royapettah Hospital ...	315	315	Paid in full.
2	Supplying road materials and forming a 10′ road with 6″ laterite and 2″ gravel in Robinson Park dhobikhana	1,100	1,025	Do.
3	Repairing the main building of old head Walkman's quarters at Kilpauk ...	318	318	Do.
4	Repairs to office and storerooms attached to the maistry's quarters and godowns in People's Park	547	547	Do.
5	Repairs to the tollgates in the 20th Division.	124	124	Do.
6	Whitewashing Corporation Workshop and Stores	150	115	Do.
7	Repairs to the tollgate at Coonoor Road ...	109	109	Do.
8	Cleaning the movement in the tower clock to secure the accurate time keeping by Messrs. P. Orr & Sons	150	150	Do.
9	Repairs to the burning ghats in Washermanpet	180	159	Do.
10	Repairs to the public latrine in Narayanappa Naick Street	135	94	Completed.
	Carried over ...	12,325	13,363	

STATEMENT II-A—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART II—REPAIRS—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	12,325	13,363	
	GRANT I—*Public Works*—(Contd.).			
	2. REPAIRS—(*Contd.*).			
	(*b*) **Buildings** (*Contd*).			
11	Repairing the compound wall around cattle market, Hope Lodge, in Gantz Road ...	150	151	Paid in full.
12	Repairs to the 5 tollgates in the 14th and 15th Divisions	310	311	Do.
13	Doing connection of drain from the flush-out latrine of Vasapamodu Paracheri model school to the new sewer ...	140	86	Completed.
14	Shifting and relaying 6" connection with the construction of a manhole and a seated chamber, etc., at Mottai Garden, Old Washermanpet	340	298	Do.
15	Repairs to the Waterworks Overseer's Stores 19th and 20th Divisions	447	447	Paid in full.
16	Repairs to the Waterworks Overseer Stores and Office room, 12th Division in Gangadeeswar Koil Road	365	365	Do.
17	Manufacturing and supplying 8 C. I. tipper covers, 8 W. I. tippers, etc., for latrines ...	1,424	1,300	Paid in full.
18	Repairs to the big bangalow, small bangalow, stables, kitchen, Maty's house attached to the above at Red Hills bangalow and No. 1 cottage kitchen	2,030	1,585	Do.
19	Supplying and fixing ground glasses for the Royapettah Hospital	105	105	Do.
20	Manufacturing and supplying 7 lever arms for the Basin Incinerator	115	96	Do.
21	Cost of supplying 275 feet 2"—6/19 combination wire rope by Messrs. Wilson & Co. for the electric lift, Ripon Buildings ...	325	254	Do.
22	Constructing a verandah at the rear side of Overseer's Office and Stores, 1st Division ...	620	620	Do.
23	Providing a cycle rack in front of Moor Market	126	37	Completed.
24	Repairing the blown off corrugated roof, floor, etc., of the pig slaughter house D'Mellow's Road	150	131	Paid in full.
	Carried over ...	18,972	19,131	

STATEMENT II-A—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART II—REPAIRS—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	18,972	19,131	
	GRANT I—*Public Works*—(Contd.).			
	2. REPAIRS—(*Contd.*).			
	(*b*) **Buildings—(Contd).**			
25	Converting the existing two horse stalls into motor sheds in Ripon Buildings ...	150	106	Completed.
26	Constructing a small size furnace at Workshop for urgent works	150	147	Paid in full.
27	Reconstructing the two iron sheds at Krishnampet incinerator that were destroyed by the last cyclone	640	361	In progress.
28	Constructing a masonry latrine and compound wall for the model school, Angappa Naick Street	750	547	Paid in full.
29	Purchasing 3 ceiling fans and 3 regulators for Ripon Buildings	405	405	Do.
30	Repairing the premises No. 5, Burrai Sahib Street, Suparigunta, Triplicane ...	269	160	Do.
31	Providing bamboo screens to the north and western verandahs of the Moore Market ...	137	137	Do.
32	Annual repairs to 'H' depot	340	313	Do.
33	Do 'C' depot	135	42	Do.
34	Purchasing one Dayton fan complete (American) with regulator for the use of drainage Supdt.'s office room, Ripon Buildings ...	135	135	Paid in full.
35	Purchasing 2 ceiling fans and 2 regulators complete for License Officer's and Outside Audit Superintendent's rooms ...	270	270	Do.
36	Repairing the Zoo Supdt's quarters, People's Park, and Sergeant's quarters ...	600	580	D.o
37	Repairs to 'E' depot, Harris Road ...	1350	1164	Do.
38	For connecting the existing 2" and 1¼" service at Chetput dhobhikhana	260	122	Do.
39	Repairing the ironing sheds at Chetput dhobhikhana	105	98	Do.
40	Erecting a brick nogged partition and to provide a door and flap doors in the first floor and a lamite sheet screen in the Drainage Section, Ripon Buildings ...	700	562	Completed.
	Carried over ...	25,368	24,280	

Statement II-A—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART II—REPAIRS—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	25,368	24,280	
	GRANT I—*Public Works*—(Contd.)			
	2 .Repairs—(*Contd.*).			
	(*b*) **Buildings**—(*Contd.*).			
41	Repairing the screens at Ripon Buildings ...	185	154	Completed.
42	Repairs to the fire engine shed at Subroya Mudaly Street	180	148	Paid in full.
43	Repairs to the latrine in Gulam Abbas Ali Khanpet	120	77	Do.
44	Repairs to the model dwellings at Hendersonpet	600	522	Do.
45	Repairs to Smithfield Market	397	397	Do.
46	Repairing the electric pump motor, Royapettah Hospital	255	255	Do.
47	Installing seven electric lights in the model school, Chulai	670	117	Do.
48	Repairing the south east corner of the south gate of Moore Market	120	...	Completed.
49	Paving the floor of the trough at 'A' depot with granite sets and pointing with cement	900	...	Do.
50	Repairing the gram cleaning floor of gram depot...	599	599	Paid in full.
51	Erecting wooden screen and repairs to roofing Moore Market	430	244	Completed.
52	Repairing the steel fencing gate and watchman shed in steam roller shed at the junction of Monegar Choultry Road and Slaughter House Road	130	99	Completed.
53	Improvements to cattle trough, 'A' depot ...	474	744	Paid in full.
54	Annual repairs to the Lying-in-Hospital ...	1,360	1,319	Do.
55	Repairs to the dispensary at Washermanpet.	112	44	Completed.
56	Supplying and fixing glass panes including cost of labour for the Royapettah Hospital.	150	150	Paid in full.
57	Improvements to the model dwellings, Hendersonpet	540	19	Completed.
	Carried over ...	32,860	29,168	

Statement II-A—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART II—REPAIRS—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	32,860	29,168	
	GRANT I—*Public Works*—(Contd.).			
	Repairs—(*Contd*).			
	(*b*) **Buildings**—(*Contd.*).			
58	Constructing one motor shed with old materials for motor vehicles and a motor pit next to the Corporation Workshop ...	330	230	In progress.
59	Repairing the roofing and painting the same with cement of the Moore Market ...	150	108	Completed.
60	Repairs to model Paracheri Cemetry Road.	...	974	In progress. Prest. on 9-1-20.
61	Providing pathway on the south compound wall of Lying-in-Hospital, Monegar Choultry Road	...	195	Paid in full. Prest. on 16-12-19.
62	Repairs to Annie Beasant Free School, Krishnampet	...	280	Paid in full, Engr. on 4-2-20.
63	Providing toll bar to the tollgate in Poonamallee High Road	...	99	Paid in full, Engr. on 13-2-20.
I	Petty works —			
II	Repairing pumping stations	6,00	7,895	
III	Labour & contingencies	11,000	10,000	
	Total ...	50,340	48,949	
	(*c*) **Drainage**.			
I	Repairs to masonry drains—			
1	Repairing the drain in Chucklipalayam ...	149	149	Paid in full
2	Repairing drains from Fakir Sahib Street to Chella Pilliar Covil Street	481	481	Do.
3	Removing and replacing manhole covers in different streets of the 18th Division ...	250	202	Do.
4	Shifting syphon boxes towards the house walls in Namasivaya Chetti Street, 'B area...	620	620	Do.
5	Manufacturing and supplying 6 C. I. grating covers for use in Jaffer Syrang Street and Arbuthnot Lane	208	188	Do.
	Carried over ...	1,708	1,640	

STATEMENT II-A—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART II—REPAIRS—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	1,708	1,640	
	GRANT I—*Public Works*—(Contd.).			
	2. REPAIRS—(*Contd*).			
	(*c*) **Drainage**.—(*Contd.*).			
6	Manufacturing and supplying 12 C. I. grating covers for cesspools in China Bazaar Road	237	237	Paid in full.
7	Removing the broken pipes and relaying with new ones in Singanna Chetti Street ...	258	232	Completed.
8	Constructing silt pits and fixing gratings at the terminals of the side drains in Thacker Street, Kolandai Gramony Street, Ponnappa Mudaly Street, etc.	950	530	Do.
9	Doing connection of drain and providing a new type chamber for the latrine at Vasapamodu Paracheri	170	101	Do.
10	Repairing side drains in Balamuthu Street, west of Bangaru Naick Street... ...	261	261	Paid in full.
11	Manufacturing 3 C.I. gratings 3′×3′×1″ and 18 C. I. gratings $2\frac{1}{2}$′ × $2\frac{1}{2}$′×1″ for the Drainage Superintendent	570	635	Do.
12	Shifting the syphon boxes and reconstructing same at Nagappa Mudaly Street ...	400	271	Completed.
13	Constructing manholes at Oomra Bahadur 1st Street and 2nd Street	388	249	Do.
14	Raising syphon boxes and providing silt catcher buckets in Scavenger's Lane, 18th Division	300	261	Paid in full.
15	Manufacturing and supplying 11 C. I. gratings 2′ 6″×1′ for Building Overseer, 10th and 11th Divisions	150	150	Do.
16	Removing the obstructions in the house connections of houses Nos. 8, 9, and 10 in Main Road, Royapuram	110	66	Completed.
17	Dismantling and reconstructing syphon boxes in Mannarswami Kovil Street, Budaperumal Street, etc.	1,600	675	Completed.
18	Countergrading the side drain in Vijia Vigneswarar Kovil Street and connecting it with the sewer	150	74	Completed.
	Carried over ...	7,252	5,382	

STATEMENT II-A—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART II—REPAIRS—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	7,252	5,382	
	GRANT I—*Public Works*—(Contd.).			
	2. REPAIRS—(*Contd.*).			
	(*c*) **Drainage**—(*Contd.*)			
19	Raising the side walls of Kelly's drain in the Beach and replacing the siegwart beams	4,000	3,567	In progress.
20	Repairing the side drain in the northern row in Arunachella Naick Road from Iyah Mudaly Street to Swami Naick Street and constructing a storm-water separator ...	600	504	Completed.
21	Costructing a washing platform with curbs to the sewage system in Cox Paracheri ...	440	238	Do.
22	Raising syphon boxes and providing silt catcher buckets in Guruvappa Chetty Street	490	134	Do.
23	Dismantling the old syphons and reconstructing the same and providing silt catcher buckets in Balakrishna Pillai Street...	115	32	Do.
24	Do do in the 13th Division ...	132	132	Paid in full
25	Raising syphon boxes and providing with silt catcher buckets in Venkatachella Mudaly Street	355	102	Completed.
26	Dismantling the old syphons and reconstructing the same providing with silt catcher buckets in Sawmy Pandaram Street ...	270	59	Do.
27	Raising syphon boxes in Chanda Sahib Street	190	54	Do.
28	Repairing the drain that passes through the compound wall in Messrs. Simpson and Co., Mount Road	400	411	Paid in full.
29	Connecting the existing latrine to the sewer in Sydenhams Road	594	594	Do.
30	Raising syphon boxes in Valluvan Street, Purasawakkam	165	54	Completed.
31	Raising syphon boxes, fixing street buckets to house connections in Whites Road ...	127	127	Paid in full.
32	Dismantling the existing syphon box and reconstructing same in Veerabadran Street.		119	In progress. S. C. on 14-10-19.
33	Petty works	10,120	9,026	
	Carried over ...	25,250	20,535	

STATIMENT II-A—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART II—REPAIRS—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	GRANT I.—*Public Works*—(Contd.).			
	2. REPAIRS—(*Contd.*). B. F	25,250	20,535	
	(*c*) **Drainage.**—(*Contd.*).			
II	Pumping stations—			
(*a*)	Labour	22,115	23,070	
(*b*)	Fitter staff, labour, overtime	18,155	20,176	
(*c*)	Coal, liquid fuel, etc.	1,25,500	1,53,233	
(*d*)	Repairs, materials	77,000	67,464	
(*e*)	Miscellaneous such as clothing, etc. ..	2,000	2,338	
III	Sewer, Main Drain, etc.—			
(*a*)	Sewer-cleaning—Labour	} 40,429	39,316	
(*b*)	Main Drain—Labour			
(*c*)	House Drainage—Labour			
(*d*)	Tondiarpet Drainage Works			
(*e*)	Contingencies	8,071	13,515	
IV	Hire of Coolies	60,000	55,355	
V	Maintenance of bullocks	1,25,000	1,31,484	
VI	Do of carts	12,500	20,785	
	Deduct probable savings ...			
	Total ...	5,16,020	5,47,272	
	(*d*) **Water-works.**			
1	Fountain—Labour	17,500	16,216	
2	House meter maintenance—Labour ...	1,600	...	
3	Red Hills Tank—Labour	2,385	2,328	
4	Filter-bed and conduit—Labour ...	1,660	1,492	
5	Kilpauk shaft—Labour	920	981	
6	Pumping station, Kilpauk—Labour ...	16,062	17,950	
	Carried over ...	40,127	38,967	

STATEMENT II-A—Details of Allotment for Expenditure on Public Works estimated to cost Rs. 100 and upwards.

REVENUE ACCOUNT.

PART II—REPAIRS—(*Contd.*)

No.	Particulars.	Revised Estimate Grant.	Expenditure during the year.	Remarks.
		Rs.	Rs.	
	Brought forward ...	40,127	38,967	
	GRANT I—*Public Works*—(Contd.).			
	2. REPAIRS—(*Contd.*).			
	(*d*) **Water-Works.**—(*Contd.*).			
7	Analysis of water—Labour	1,125	1,035	
8	Kilpauk Pumping Station—			
(*a*)	Coal, lubricating oils, etc.	90,186	1,15,650	Excess coal and oil stocked for meeting contingencies.
(*b*)	Repairs, materials	16,000	12,709	
(*c*)	Miscellaneous	500	439	
9	Fountains, filter beds, Kilpauk shaft, etc., contingencies	28,062	32,604	Due to constant cleaning of F. B.
10	Laboratory appliances	...	...	
11	Repairs to meters, including replacing old ones and fixing new meters	6,000	9,057	Owing to large number of meters repaired and refixed.
	Deduct probable savings ..			
	Total ...	1,82,000	2,10,461	
	(*e*) **Miscellaneous.**			
1	Petty works (W. D.)	300	243	
2	Maintaining the open channel and fencing at the Grass Form (C. D.)	2,700	1,436	
	Total ...	3,000	1,679	

STATEMENT, III-A—Demand, Collection and Balance Statement of Taxes, &c., for the year 1919-20—(*Current*).

	Description of taxes, etc.	Gross Demand.			Remitted on appeal			Net Demand (Column 2 minus Column 3).			Collection. For the year 1919-20.			Collection. Taxes prepaid in advance for 1920-21.			Collection. To be refunded.			Percentage of collection for the year to net Demand.	Remission. For vacancy, &c.			Remission. Written off.			Percentage of columns 7 and 8 to net Demand.	Balance. Column 4 minus Columns 5, 7 and 8.			Percentage of Balance to net Demand.
	1	2			3			4			5			6			6a			6b	7			8			8a	9			9a
		Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.		Rs.	A.	P.	Rs.	A.	P.		Rs.	A.	P.	
1	Tax on Arts, &c, ...	3,79,068	0	0	...	...	...	3,79,068	0	0	(a) 42 3,59,255	8 14	0 6	...	...	...	...	...	...	94·78	...	...	...	...	...	...		19,769	9	6	5·22
2	Tax on Buildings and Lands ...	11,63,042	0	11	...	...	...	11,63,042	0	11	(a) 9062 10,93,780	15 12	4 10	906	11	8	2,007	15	6		6,992	15	5	...	...	...		53,205	5	4	
3	Tax on Lands ...	18,929	8	11	...	...	...	18,929	8	11	(a) 14 020	2 0	9 7	...	...	...	40	10	0		19	2	1	...	...	...		4,890	3	6	
4	Water and Drainage tax on Buildings and Lands ...	7,55,977	5	4	...	...	...	7,55,977	5	4	(a) 5,890 7,10,957	14 8	11 3	589	5	11	1,305	2	11	94·49	4,545	6	8	...	...	...	·59	34,583	7	6	
5	Water and Drainage tax on Lands ...	12,304	3	5	...	...	...	12,304	3	5	(a) 9 113	1 0	10 4	...	...	...	26	6	7		12	7	0	...	...	...		3,178	10	3	4·92
6	Lighting tax on Buildings and Lands ...	2,32,608	6	8	...	...	...	2,32,608	6	8	(a) 1812 2,18,756	9 2	6 7	181	5	6	401	9	6		1,398	9	6	...		...		10,641	1	1	
7	Lighting tax on Lands ...	3,785	14	7	...	...	...	3,785	14	7	(a) 2,804	0 0	7 1	...	...	...	8	2	0		3	13	3	...	...	...		978	0	8	
8	Tax on Vehicles with springs ...	1,06,375	0	0	...	...	...	1,06,375	0	0	(b) 5,674 90,801	0 8	0 0	8,452	...	...	...	...	...	90·69	...	...	...	...	...	...		9,899	8	0	9·31
9	Tax on Animals ...	34,409	10	0	..	...	...	34,409	10	0	(b) 1,500 29,436	0 0	0 0	1,272	...	...	...	...	...	89·91	...	...	...	...	...	...		3,473	10	0	10·09
10	Tax on Carts and other Vehicles without springs ...	39,504	0	0	..	...	...	39,504	0	0	(b) 1,428 37,963	0 0	0 0	1,804	...	...	...	...	...	99·71	63	0	0	...	...	...	·16	50	...	0	·13
11	Tax on Vehicles and Animals entering Municipal limits ...	51,600	0	0	...	...	...	51,600	0	0	51 600	0	0	...	...	...	546	0	0	100	...	...	...	...	...	...		...	...	...	
12	Payment for occupation of Municipal Land	5,143	5	0	...	...	...	5,143	5	0	4,279	13	0	..	...	...	...	...	...	83·22	...	..	...	...	...	...		863	8	0	16·78

13	Rent of Lands and Buildings ...	38,374 10 3	...	... ...	38,374 10 3	35,380 15 1	... ...	... ...	92·2	1,376 5 11	2 8 0	3·59	1,614 13 3	4·2
14	Sale proceeds of Lands ...	3,597 3 4	...	... ...	3,597 3 4	3,597 3 4	... ...	... ...	100	... ...	... ...		... ...	...
15	Esplanade, &c., grazing rent ...	3,663 14 7	...	... ...	3,663 14 7	3,663 14 7	... ...	... ...	100	... ...	... ...		... ...	...
16	Rent of Municipal wharf ...	1,600	...	... ...	1,600 0 0	1,600 0 0	... ...	... ...	100	... ...	... ...		... ...	...
17	Grass farms ...	61,141 6 1	...	... ...	61,141 6 1	(b) 1,411 3 9 56,478 4 1	967 4 2	... ...	94·68	... ...	... ...		3,251 14 3	5·57
18	Moore Market ...	32,316 0 5	...	... ...	32,316 0 5	32,316 0 5	... ...	... ...	100	... ...	... ...		... ...	...
19	License fees on import of timber and firewood ...	1,82,973 14 4	...	... ...	1,82,973 14 4	1,60,725 14 7	... ...	... ...	87·82	20,164 0 6	... ...	11·04	2,083 15 3	1·14
20	Private Markets ...	3,725	...	... ...	3,725 0 0	(b) 125 0 0 3,600 0 0	... ...	... ...	100	... ...	... ...		... ...	...
21	Licenses Registration ...	80,994 ...	...	... ...	80,994 0 0	(b) 737 0 0 76,701 0 0	2741 8 0	... ...	95·61	... ...	... ...		3,556 0 0	4·39
22	Cart stand fees ...	622 8 ...	...	... ...	622 8 0	(b) 67 8 0 555 0 0	7	... ...	100	... ...	... ...		... ...	...
23	Payment for water for non-domestic purposes ...	2,89,736 14 4	...	... ...	2,89,736 14 4	2,83,550 8 4	... ...	... ...	97·86	... ...	... ...		6,186 6 0	2·1
24	Receipts on account of certain reclamation works ...	3,835 12 11	...	... ...	3,835 12 11	(b) 1,500 0 0 2,287 12 11	3521 14 0	... ...	98·75	... ...	... ...		48 0 0	1·20
25	Rent of cart stand ...	10,023 5 4	...	... ...	10,023 5 4	(c) 10,023 5 4	... ...	... ...	100	... ...	... ...		... ...	...
26	Sale of Rubbish (e) ...	13,440 13 4	...	... ...	13,440 13 4	11,591 11 3	... ...	... ...	...	... ...	... ...		1,849 2 1	...
27	Private Scavenging (f) ...	10,869 10 5	...	... ...	10,869 10 5	9,702 15 9	10 8 0	... ...	...	... ...	... ...		11,66 10 8	...
28	Income from smithfield market ...	3,502 11 4	...	... ...	3,502 11 4	3,502 11 4	... ...	... ...	...	... ...	... ...		... ...	...
29	Income from slaughter houses and slaughter of animals for food ...	88,321 4 7	...	... ...	88,321 4 7	87,921 12 6 310 0 0	(g)865 0 0	... ...	100	... ...	... ...		90 8 1	...
30	Income from Dhobikhana ...	1,741 8 0	...	... ...	1,741 8 0	1,456 8 0	... ...	... ...	...	... ...	... ...		285 0 0	...
31	Peoples Park ...	9,604 1 7	...	... ...	9,604 1 7	(b) 317 0 0 9,287 1 7	136 12 0	... ...	100·00	... ...	... ...	...	... ...	...
32	Robinson Park ...	582 3 11	...	... ...	... 3 11	582 3 11	... ...	... ...	100·00	... ...	... ...	...	... ...	...
33	Napier Park ...	... ...	...	... ...	582	... ...	... ...	... ...	...	... ...	... ...	...	... ...	...
34	Loane Square ...	3 2 0	...	... ...	3 2 0	3 2 0	... ...	... ...	100·00	... ...	... ...	...	... ...	...
35	Sivangnanam Park ...	5 1 0	...	... ...	5 1 0	5 1 0	... ...	... ...	100·00	... ...	... ...	...	... ...	...
36	Hospital Receipts ...	356 0 0	...	... ...	356 0 0	356 0 0	... ...	... ...	100 00	... ...	... ...	...	... ...	...
37	Income from model cattle yard ...	452 8 0	...	... ...	452 8 0	426 8 0	... ...	... ...	...	... m ...	... ...	...	26 0 0	...
	Total ...	36,44,231 0 7	...	... ...	36,44,231 0 7	34,47,961 6 10	20,900 5 3	4,335 14 6	94·61	34,575 12 4	2 8 0	·95	1,61,691 5 5	4·44

(a) Amount prepaid in advance in the previous year under Rules 13 of Schedule IV of Act IV of 1919 for the demand of 1919-20.
(b) The amount paid in advance in the previous year towards the demand of 1919-20.
(c) Rs. 23-5-4 Represents Penal Interest Rs. 728-6-0 shown on Excess in the Rev. accounts includes income from other cart stands credited to this head.
(d) Rs. 2-11-4.—Penal interest.
(e) The difference of Rs. 191-9-6 the Rev. account is due to the exclusion of Rs. 513-4-0 from the collection wrongly credited to Private Scavenging and the inclusion of Rs. 321-1-2 wrongly credited to 'sale of rubbish' instead of to 'other items,' Rs. 0-1-6 being the arrear penal interest and Rs. 0-8-4 being the penal interest collected in excess.
(f) The amount in col.5 excludes 10-8-0 being the amount shown on current collections of 1918-19 instead of as prepayment for 1920-21 Vide also remarks (e).
(g) Rs. 865 relates to contract for 1919-20 collected in 1918-19.

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STATEMENT III-B.—*Demand, collection and Balance Statement of Taxes, &c., for the year* 1919-20 (*Arrear*).

	Description of Taxes, &c.	Arrears of previous years.	Balance of last year.	Subsequent amendments and additions during the year.	Total arrear Demand Columns 2, 3 & 3 (a).	Remission on objection.	Net Demand (Column 4 *minus* Column 5).	Collection. Collection.	Collection. Percentage of collection to net Demand.	Remission. For Vacancy, &c.	Remission. Written off.	Remission. Percentage of total of columns 8 & 9 to Net Demand.	Balance. Balance (column 6 *minus* columns 7, 8 and 9).	Balance. Percentage of Balance to Net Demand.	Years to whe the Balance relates.
	1	2	3	3 (a)	4	5	6	7	7 (a)	8	9	9 (a)	10	10 (a)	11
		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.		Rs. A. P.		
1	Tax on Arts etc. ...	82 7 0	1,405 0 0	2,320 0 0	3,807 7 0	352 8 0	3,454 15 0	3,184 15 0	92·18	... ...	10		260 0 0	7·53	
2	Tax on Buildings & Lands.	2,168 2 6	26,956 14 2	637 4 8	29,762 5 4	... ...	29,762 5 4	26,252 11 8		397 13 8	... ...		3,111 12 0		
3	Tax on Lands ...	439 14 9	1,247 9 8	81 13 2	1,769 5 7	... ...	1,769 5 7	1,297 5 11		46 5 8	... ...		425 10 0		
4	Water and Drainage Tax on Buildings and Lands ...	1,409 4 9	17,521 15 8	414 3 10	19,345 8 3	... ...	19,345 8 3	(a) 0 13 3 17,064 4 4		258 9 6	... ...		2,022 10 5		
5	Water and Drainage Tax on Lands ...	285 15 1	810 15 3	53 2 9	1,150 1 1	... ...	1,150 1 1	(a) 0 8 7 843 4 8	87·39	30 2 2	... ...	1·4	276 10 3	11·21	1915-16 to 1918-19
6	Lighting Tax on Buildings and Lands ...	433 10 0	5,391 6 1	127 7 4	5,952 7 5	... ...	5,952 7 5	5 250 8 9 (a) 0 3 8		79 9 1	... ...		622 5 7		
7	Lighting Tax on Lands ...	87 15 7	249 8 4	16 5 10	353 13 9	... ...	353 13 9	259 7 7		9 4 2	... ...		85 2 0		
8	Tax on Vehicles with springs ...	437 10 11	3,959 12 0	883 0 0	5,280 6 11	1,246 8 0	4,033 14 11	2,830 8 0	70·17	... ...	1 10 11	·04	1,201 12 0	29·79	
9	Tax on Animals ...	119 7 10	1,510 2 0	297 0 0	1,926 9 10	640 2 0	1,286 7 10	1,066 6 0	82·89	... ...	0 15 10	·08	219 2 0	17·03	
10	Tax on Carts and other Vehiles without springs	16 0 0	18 0 0	57 0 0	91 0 0	... ...	91 0 0	72 0 0	79 12	... ...	... ...	...	19 0 0	20·88	
11	Payment for occupation of Municipal Lands ...	... ...	46 0 0	18 4 0	64 4 0	... ...	64 4 0	54 14 0	85 93	6 10 0	... ...	10·15	2 12 0	4·69	
12	Rent of Lands and Buildings ...	336 14 2	814 9 11	46 0 8	1,197 8 9	... ...	1,197 8 9	1,019 3 7	85 12	... ...	8 0 0	·66	170 5 2	14·2	
13	Grass Farm ...	.. ..	253 10 5	... ...	253 10 5	... ...	253 10 5	253 10 5	100	... ...	... ...	...	... ...	...	
14	Moore Market ...	435 0 0	0 0 2	... ...	435 0 2	... ...	435 0 2	435 0 2	100	... ...	... ...	...	... ...	...	
15	Licenses fees on import of timber and firewood ...	... ...	3,109 0 8	... ...	3,109 0 8	... ...	3,109 0 8	3,109 0 8	100	... ...	... ...	...	... ...	...	
16	Licenses registration ...	80 8 0	2,310 0 0	53 0 0	2,337 8 0	... ...	2,337 8 0	2 255 8 0	96·49	... ...	60 0 0	2·57	22 0 0	·94	
17	Payment for water for non-domestic purposes	... ...	3,922 14 10	... ...	3,922 14 10	... ...	3,922 14 10	3,922 14 10	100	... ...	... ...	...	... ...	...	
18	Receipts on account of Malaria reclamation work	3,360 12 8	1,226 1 8	... ...	4,586 14 4	... ...	4,586 14 4	679 0 7 10 0 0	14·82	... ...	... ...	...	3,807 3 9	82·99	1914-15 to 1918-19
19	Rent of cart stand ...	2,000 0 0	2,175 0 0	... ...	4,175 0 0	... ...	4,175 0 0	2,175 0 0	...	... ...	... ...	...	2,000 0 0	...	
20	Private scavenging ...	... ...	301 10 5	... ...	301 10 5	... ...	301 10 5	301 0 5	100	... ...	... ...	...	... ...	...	
21	Income from slaughter houses and slaughter of animals for food ...	8,064 0 6	... ...	... ...	8,06 0 6	... ...	8,064 0 6	8,064 0 6	100	... ...	... ...	...	... ...	...	
22	Dhobikhana ...	... ...	165 0 0	... ...	165 0 0	... ...	165 0 0	165 0 0	100	... ...	... ...	...	... ...	...	
23	Peoples Park ...	... ...	677 15 11	... ...	677 15 11	... ...	677 15 11	677 15 1†	100	... ...	... ...	...	... ...	...	1918-19
24	Hospital Receipts ...	... ...	330 0 0	... ...	330 0 0	... ...	330 0 0	*330 0 0	100	... ...	... ...	...	... ...	...	1918-19
25	Cart Stands ...	... ...	52 8 0	... ...	52 8 0	... ...	52 8 0	52 8 0	100	... ...	... ...	...	... ...	...	
	Total...	19,757 11 9	74,455 11 2	4,893 10 3	99,112 1 2	2,239 2 0	96 872 15 2	81,717 9 0	84·36	828 6 3	80 10 9	·94	14,246 5 2	14·7	

(a) Represents amount refunded during the year.

* Rs. 5 relates to arrear of 1918-19 Rs. 101-8-0 represents collections in 1919-20 relating to 1918-19 as shown in the annual audit for 1918-19 and Rs. 58-8-0 relates to demand for 1918-19 collected in 1919-20.

† This amount includes Rs. 9-14-5 and Rs. 137-8-7 not shown as balance in last year's statement.

STATEMENT III-C.—Compares the receipts from the license fees levied on import on Timber and Firewood and shows the rise and fall in Imports generally.

Period of operation.	Articles Importers.	By sea collected by the Madras Port Trust since 1st April 1916			By Madras and S. M Railway.			By S. I. Railway.			By Buckingham Canal (North.)			By Buckingham Canal (South.)			By Toll Gates collected by the Toll farmer.		
1	2	3			4			5			6			7			8		
		Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A	P.	Rs.	A	P.
1916-17	Timber ...	1,40,926	4	0	15,462	8	0	1,637	8	0	1	4	0	...	...	...	292	8	0
	Inferior Redwood ...	112	0	0	461	8	0	1	8	0	...	...	...	...	...	...	4	8	0
	Junglewood Posts, &c. ...	...	...	...	4,862	14	0	142	10	0	...	...	..	39	0	0	1,360	8	0
	Firewood ...	...	...	...	11,825	12	6	909	4	11	19,639	5	0	9,625	5	0	3,256	5	0
	Total ...	1,41,030	4	0	32,602	10	6	2,690	14	11	19,640	9	0	9,664	5	0	4,913	13	0
1917-18	Timber ...	1,11,262	8	0	16,485	0	0	2,1150	0	0	...	.	.	...	..	...	418	12	0
	Inferior Redwood ...	47	8	0	97	8	0	...	...	...	12	0	0	..	...	...	10	8	0
	Junglewood Posts, &c. ...	0	12	5	496	8	6	165	0	0	...	...	...	217	8	0	4946	10	0
	Firewood ...	...	...	...	10,279	11	3	4,228	2	0	19,612	8	8	15,164	3	0	3,515	8	6
	Total ...	1,11,310	12	0	27,358	11	6	6,508	2	0	19,624	8	0	15,382	5	0	5,891	6	6
1918-19	Timber ...	1,05,360	0	0	19,218	12	0	6,108	4	0	11	4	0	...	...	...	320	0	0
	Inferior Redwood ...	1	0	0	103	0	0	12	8	0	18	0	0	...	..	...	10	0	0
	Junglewood Posts, &c. ...	...	...	...	4,347	12	0	345	12	0	111	0	0	54	0	0	1428	0	0
	Firewood ...	...	...	...	10,180	4	6	2,695	3	8	24,040	0	0	12,768	12	0	41986	4	0
	Total ...	1,03,361	0	0	33,849	12	6	9,161	11	8	24,180	6	0	12,822	12	0	6,744	4	0
1919-20	Timber ...	1,25,350	0	0	22,297	8	0	1,924	5	3	12	8	0	...	...	...	117	8	3
	Inferior Redwood ...	...	...	...	260	12	0	...	...	..	0	0	0	...	..	...	32	0	0
	Junglewood Posts, &c. ...	...	...	...	4,601	4	0	142	8	0	14	10	0	307	8	0	1,277	0	0
	Firewood ...	...	...	...	5,690	3	6	630	13	9	11.960	2	6	5,540	13	0	2,515	11	3
	Total ...	1,25,350	0	0	35,189	11	6	2,697	11	0	11,987	4	6	5,848	5	0	3,942	3	6

Period of operation.	Articles Importers.	Total of columns 3 to 8.			Sumes with the collectin Agencies at the end of the previous year			Total of columns 9 and 10.			Sumes with the collecting Agencies at the end of the year.			Refunds in the year.			Net column 11 mi4us columns 12 and 13.		
1	2	9			10			11			12			13			14		
		Rs	A.	P	Rs.	A	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
1916-17	Timber ...	1,58,320	0	0	1,283	2	0	1,59,603	2	0	1,835	0	0	34,877	6	0	1,22,890	12	0
	Inferior Redwood ...	579	8	0	50	8	0	630	0	0	31	8	0	...	...	...	598	8	0
	Junglewood Posts, &c. ...	6,395	0	0	390	12	0	6,785	12	0	424	2	0	...	...	...	6,361	10	0
	Firewood ...	45,256	0	5	1,178	1	0	46,434	1	5	1,285	14	0	1	2	0	45,147	1	5
	Total ...	2,10,550	8	5	2,902	7	0	1,13,452	15	5	3,576	8	0	34,873	8	0	1,7,4297	15	5
1917-18	Timber ...	1,30,281	4	0	1,835	0	0	1,32,116	4	0	1,230	0	0	25,562	10	0	1,05,623	10	0
	Inferior Redwood ...	167	8	0	31	8	0	199	0	0	33	12	0	...	...	...	165	4	0
	Junglewood Posts, &c. ...	2,826	6	6	424	2	0	3,250	8	6	36[illegible]	10	0	...	...	...	2,584	4	6
	Firewood ...	52,800	10	6	1,285	14	0	54,086	8	6	1,778	5	6	2	5	0	59,305	4	0
	Total ...	1,86,075	13	0	3,576	8	0	1,89,652	5	0	3,407	11	6	25,264	15	0	1,60,979	10	6
1918-19	Timber ...	1,29,018	4	0	1,230	0	0	1,00,248	4	0	2,001	4	0	16,957	4	0	1.11,289	12	0
	Inferior Redwood ...	144	8	0	33	12	0	178	4	0	71	4	0	...	...	...	106	12	0
	Junglewood Posts, &c. ...	6,286	8	0	365	10	0	6.652	2	0	300	6	0	....	...	...	6,351	19	0
	Firewood ...	54,670	10	2	1,778	5	6	56,448	15	8	3 5	14	8	41	0	3	55,672	0	9
	Total ...	1,90,119	14	2	3,407	11	6	1,93,597	9	8	3,109	6	8	16,998	4	3	1,73,420	4	9
1919-20	Timber ...	1,49,701	13	3	2,001	4	0	1,50,931	13	3	1,922	14	0	20 051	4	0	1,28,957	11	3
	Inferior Redwood ...	292	12	0	71	8	0	326	8	0	50	9	3	...	...	...	275	15	9
	Junglewood Posts, &c. ...	6,342	14	0	300	6	0	6 708	8	0	110	8	0	...	...	...	6,598	0	0
	Firewood ...	26,337	12	3	735	14	8	28,116	1	9	...	...	...	112	12	6	98,003	5	3
	Total ...	1,82,675	3	6	3,109	0	8	1,86,082	15	0	2,083	15	3	23,164	0	0	1,63,834	15	3

Table No. I.

Statement showing the current demand, collection, remission and balance under the combined property taxes as compared with the corresponding figures for 1917–18 and 1918–19.

Year.	Gross Demand.			Remitted on appeal.			Net Demand.			Collection.			Remission and writtten off.			Balance.			Percentage of collection to net demand.
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
1917-18 ...	19,54,969	9	1	261	4	3	19,54,708	4	10	19,08,502	10	8	13,887	1	10	32,318	8	4	97·64
1918-19 ...	21,05,335	12	3	235	5	2	21,05,100	7	1	20,39,906	1	8	13,016	0	3	52,178	5	2	96·90
1919-20 ...	21,86,647	7	10	...	...	...	21,86,647	7	10	20,66,198	5	7	12,972	5	11	1,07,476	12	4	94·49

Table No. 2.

Statement showing the demand, collection, remission and balance under the combined arrear property taxes on buildings and lands as compared with the corresponding figures for the years 1917–18 and 1918–19.

Year.	Outstanding balance at the beginning of the year.			Subsequent amendments and additions.			Total demand.			Collection.			Remission and written of			Balance			Percentage of collection to net demand.
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	
1917-1 ...	33,573	8	0	2,945	12	11	36,519	4	11	30,467	2	8	1,520	13	0	4,531	15	7	83·43
1918-19 ...	36,850	7	11	9,331	11	4	46,182	3	3	39,630	3	8	1,727	0	11	4,824	14	8	85·81
1919-20 ...	57,003	3	10	1,339	5	7	58,333	9	5	50,967	10	11	821	12	3	6,544	2	3	87·39

Statement showing the number of Vehicles and Animals assessed for the year 1919–20 as compared with that of 1918–19.

Description of Vehicles and Animals.		Number assessed in 1918-19.	Number assessed in 1919-20.	Percentage of increase or decrease.
Motor or steam vehicles with metal tyres constructed to carry 2 tons or more at Rs. 100		...	1	
Trailer attached to the above at Rs. 50		...	...	
Motor or steam vehicle with rubber tyres constructed to carry 2 tons or more at Rs. 75		...	4	
Trailer attached to the above at Rs. 50		...	...	
Motor or steam vehicle constructed to carry 1 ton or less than 2 tons at Rs. 50		...	7	
Tramcar Motor Bus, or charabane constructed to carry 10 or more persons, at Rs. 50		...	76	
Four wheeled motor vehicle constructed to carry less than 10 persons and more than 3 persons at Rs. 35		...	728	
Four wheeled motor vehicle constructed to carry3 or less persons at Rs 25		1,341	786	+19·46
Motor tricycle or bicycle with or without sidecar at Rs. 15		565	588	+4·07
Four wheeled vehicle constructed to be drawn by one or more animals at Rs. 10		2,297	2,196	—4·40
Two wheeled vehicle constructed to be drawn by one or more animals, at Rs. 5		2,748	2,670	—2·84
Ordinary bicycle or Tricycle	at Rs. 2	4,467	4,219	—5·55
Perambulator	at Rs. 3	140	111	—20·71
Jinricksbaw	at Rs. 3	2,328	2,705	+18·17
Every other carriage not being a child's perambulator or go-cart	at Rs. 3	116	122	+5·17
Elephant	at Rs. 12	...	1	
Camel	at Rs. 6	...	...	
Horse over 13 hands	at Rs. 7½	2,331	4,130	
Horse not under 12 hands	at Rs. 6	2,101	280	
Horse under 12 hands.	at Rs. 2			
Horse under 11 hands.	at Rs. 1½	218	...	
Bullock or Bull	at Re. 1	7,814	7,255	—7·16
Male Buffalo	at Re. 1	59	64	+8·48
Ass	at Re. 1	22	17	—22·52
Dog	at Re. 1	3,822	3,817	—·13

TABLE No. 4.

Statement showing the constitution of the Corporation of Madras on 31st March 1920.

1	2	3	4	5	6								7
					Number of Members of Constitution.								
					(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	
Name of District.	Serial No. of Municipality.	Name of Municipality.	Act under which constituted.	Population within the Municipal limits.	Ex-officio.	Nominated.	Elected.	Total.	Official	Non-Officials.	Europeans & Anglo-Indians.	Indians.	REMARKS.
Madras.	1	Corporation of Madras.	The Madras City Municipal Act—IV of 1919.	5,18,660	Nil	19	30	49	2	47	10	39	

Statement of Loans for 1919-1920.

Amount of loan and rate of Interest.		For what purpose and terms on which obtained and the year in which taken.	Date of Government Sanction.	Amount paid.			Amount transferred to Sinking Fund.			Invested.	
				Up to 31st March 1919.		In 1919-1920.	Up to 31st March 1919		In 1919-1920.	In Government Securities, etc.	In Savings Bank.
				Number of years.	Amount.		Number of years.	Amount.			
1		2	3	4	5	6	7	8	9	10	11
							Rs.	Rs.	Rs.	Rs.	
14,50,000	4 p.c.	Waterworks Project—Repayable in 50 years by a Sinking Fund at 2 per cent. per annum. Taken in 1869—74.	No. 2327, dated 17th July 1869, P. W. D., and No. 1279, dated 11th September 1873, P. W. D. ...	...	...	...	...	14 42 300	27,300	14,69,600	...
1,00,000	6 p.c.	Construction of Drains and Sewers for the Drainage of George-town—Repayable in 50 years by a Sinking Fund of Rs. 820 per annum. Taken in 1887.	No. 765-M, dated 11th August 1887, L. & M. ...	...	...	...	32	44,300	3,000	47,300	...
1,50,000	5 p.c.	Do. do. Rs. 1,200 do. do, 1888	No. 852-M., dated 4th Aug.'88, L. & M.	...	...	...	31	62 400	3,900	66,300	...
1,50,000	5 p.c.	Do. do. Rs. 1,200 do. do. 1889	No. 1193-M., dated 18th Sep.'89, L.&M.	...	...	...	30	60,700	4,000	64,700	...
20,000	5 p.c.	Extension of Water-supply—Repayable in 50 years by a Sinking Fund of Rs. 170 per annum. Taken in 1889	No. 1427-M, dated 25th October 1889, L. & M. ...	...	...	...	30	8,100	500	8,600	...
50,000	5 p.c.	Construction of Drains and Sewers for the Drainage of Georgetown—Repayable in 50 years by a Sinking Fund of Rs. 400 per annum. Taken in 1890.	No. 1562-M, dated 18th October 1890	...	...	...	29	19,000	1,200	20,200	...
4,00,000	4 p.c.	Extension of Water-supply—Do- Rs. 3,050 per annum. Taken in 1895.	No. 16-M., Mis., dated 8th Jan '95...	...	...	...	24	1,17,800	9,100	1,26,900	...
1,00,000	4 p.c.	Construction of Market— Do. Rs. 750 do. Taken in 1897.	No. 883-M, Mis, dated 13th April '97	...	...	...	22	27,200	2,300	29,500	...
2,00,000	4 p.c	To repay the Government loan of 1899—Repayable in 50 years by a Sinking Fund of Rs. 1,520 per annum. Taken in 1899.	No. 2215-M., Mis, dated 21st December 1898 ...	...	...	...	20	45 700	3,800	49,500	...
50,000	4 p.c.	For cleaning water pipes—Do. Rs. 380 do. do.	No. 1630-M., Mis., dated 19th Sep.'98	...	...	...	20	11,200	900	12,100	...
4,20,000	4 p.c.	For drainage werks— Do. ,, 3,120 do. do.	No. 389-M., dated 17th Mar. '99, L.&M.	...	...	...	20	94,100	7,700	1,01,800	...
1,15,000	4 p.c.	Construction of Market— Do. ,, 1,140 do. do.	No. 529-M., Mis., dated 24th April 1899, L. & M. ...	...	...	...	19	33,700	2,700	36 400	...
7,80,000	4 p.c.	For drainage works— Do. ,, 5,930 do. taken in 1900	No 389-M, dated 17th March '99 L. & M.	...	...	...	19	1,63,700	13,600	1,77,300	...
1,50,000	4 p.c.	For cleaning water pipes—Do. ,, 1,140 do. do.	No. 1530-M., Mis, dated 16th October 1899, and No 758-M., dated 2nd June 1900, L. & M. ...	...	...	...	19	31,000	2,600	33,600	...
1,00,000	4 p.c.	To meet Plague charges Do. ,, 760 do. do.	No. 755-M., Mis., dated 1st June 1900, L. & M.	...	...	...	19	20,800	1,800	22,600	...

1,20,000	4 p.c.	For substitution of C. I. pipes for a portion of Sewer No. II. Repayable in 50 years by a Sinking Fund of Rs. 910 per annum. Taken in 1901-02.	No. 1089 M. Mis, dated 30th July 1901, L. & M. ...				18	21,900	1,900	23,800
2,00,000	4 p.c.	For drainage works— Do. „ 1,520 do. do. 1902.	No. 150 M.Mis., dated 10th February 1902, L. & M. ...				17	35,900	3,200	39,100
5,00,000	4 p.c.	Do. do. „ 3,800 do. do. 1903.	No. 35 M. Mis., dated 21st January 1903 and No. 869 M. Mis, dated 25th June 1903 ...				16	83,400	7,900	91,300
† 7,00,000	4 p.c.	Do. Repayable in 30 years by sixty equal half-yearly instalments of Rs. 20,137 each. Taken in 1905	No. 2496 M., dated 30th November 1905. ...	13	20,658-8-5	20,746-15-3	...	...	...	...
1,00,000	4 p.c.	For special buildings. Repayable in 30 years by a Sinking Fund of Rs. 2,100 per annum. Take in 1906-07.	No. 31 M., dated 10th January 1907.				12	32,300	4,200	36,500
† 4,00,000	4 p.c.	For improvoment of Water-supply and drainage Works. Repayable in 30 years by sixty equal half-yearly instalments of Rs. 11,507 each. Taken in 1908-09.	No. 1983 M, dated 10th November 1908 ...	10	85,283-12-6	10,535-10-8	...	...	...	...
† 4,00,000	4 p.c.	Do. do. Taken in 1909-10.	No. 1550 M., dated 16th September 1909. ...	9	75,157-3-6	10,126-8-10	...	...	...	...
4,25,000	4 p.c.	For special buildings. Repayable in 30 years by a Sinking Fund of Rs. 8,920 per annum Taken in 1909-10.	No. 1289 M, dated 12th August 1909				10	98,900	13,800	1,12,700
1,00,000	4 p.c.	For Napier Bridge Repayable in 30 years by a Sinking Fund of Rs. 2,100 per annum. Taken in 1909-10.	Do. do.				10	23,400	3,300	26,700
50,000	4 p.c.	For Napier Bridge. Repayable in 30 years by a Sinking Fund of Rs. 1,040 per annum.	Do. do.				8	9,700	1,600	11,300
3,00,000	4 p.c.	For Special Buildings. do. do. Rs. 6,300 per annum.	No. 2209 M., dated 14th December 1911 ...				7	51,200	9,000	60,200
† 1,00,000	4 p.c.	For improvement of Water-supply and Drainage. Repayable in 30 years by sixty equal half-yearly instalments of Rs. 2,876 each.	No. 2101 M, dated 29th November 1911 ...	7	14,009-2-5	2,337-8-2	...	...	...	...
3,42,000	4 p.c.	For special buildings. Repayable in 30 years by a Sinking Fund of Rs. 7,180 per annum.	No. 1891 M., dated 15th August 1913 ...				5	39,900	9,600	49,500
2,00,000	4 p.c.	Do. do. Rs. 4,160 per annum.	No. 422 M, dated 2nd March 1914.				5	22,000	5,400	27,400
50,000	4 p.c.	For Electric Lights do. Rs. 1,040 per annum.	Do. do.				5	5,400	1,400	6,800
1,30,000	4 p.c.	Do. do. Rs. 2,700 per annum.	No. 2588 M., dated 26th December 1914.				4	11,900	3,400	15,300
* 1,70,000	4 p.c.	For special buildings do. Rs. 3,540 per annum.	Do. do.				4	15,700	4,500	20,200
13,00,000	5 p.c.	For improvement of Water-supply and Drainage. Repayable in 30 years by a Sinking Fund of Rs. 27,040 per annum	No 1508 M, dated 25th August 1916. ...				3	66,300	32,000	98,300
1,00,000	5 p.c.	For Extension of Electric lighting. Do. Rs. 2,080.	Do. Do.				3	5,000	2,500	7,500
† 4,00,000	6 p.c.	For improvement of Water-supply and Drainage. Repayable in 20 equal half-yearly instalments of Rs. 26,886 each.	No. 1197 M, dated 13th July 1917.	1	30,372	32,068-3-9	...	...	...	...
† 9,00,000	6 p.c.	For improvement of drainage. Repayable in 20 equal half-yearly instalments of Rs. 60,493 each.	No. 1421 M., dated 6th September 1918.			67,992-13-1	...	...	...	...
1,12,37,000					411480-10-10	143807-11-9		27,04,900	1,88,100	28,93000

* Represents the value of securities purchased for the annual allotment shown in Statement II *plus* interest realized on previous investments on open market loans.

† Loans from Government.

DR. *General Fund*—[Vide *G. O. No.* 244, *dated* 13*th February* 1882.] CR.

	Rs.	A.	P.		Rs.	A.	P.
To Grant I.—Public Works ...	6,98,851	0	7	By Opening Balance ...	6,84,042	0	3
,, ,, II.—Education ...	70,944	12	11	,, Municipal Rates and Taxes ...	16,68,573	0	2
,, ,, III.—Sanitation and Medical Services ...	10,62,892	7	10	,, Revenue derived from Municipal property and powers apart from Taxation ...	4,26,549	12	9
,, ,, IV.—Miscellaneous Municipal purposes ...	2,35,475	5	3	,, Grants and Contributions ...	1,42,101	0	0
,, ,, V.—Supervision and Management ...	1,17,260	1	7	,, Miscellaneous ...	4,39,526	4	10
,, Repayment of Debt ...	39,510	0	0	,, Extraordinary and Debt ...	...	...	...
,, Interest on Loan ...	89,100	0	0	,, Advances Recovered ...	61,942	8	3
,, Advances recoverable ...	18,080	4	1	Transferred from Lighting Fund Account ...	...	...	...
,, Refund of other than Current Collections ...	23,167	13	4	Do. Revenue Account ...	54,034	13	6
,, Discount on Loan ...	...	...	...				
,, Pensions and Gratuities ...	27,454	0	4				
,, Transfer to Water and Drainage Fund ...	4,93,275	4	0				
,, Transfer to Lighting Fund Loan a/c	1,40,487	8	0				
,, Closing Balance Revenue Account	1,44,086	12	3				
Do. Loan Account ...	3,16,184	1	7				
Total ...	34,76,769	7	9	Total ...	34,76,769	6	9

DR. *Water and Drainage Fund*—[Vide *G.O. No.* 244, *dated* 18*th February* 1882.] CR.

	Rs.	A.	P.		Rs.	A.	P.
To Grant I.—Public Works—							
New Works—							
Buildings ...	6,616	0	0	Opening Balance ...	4,05,105	10	7
Drainage ...	4,00,573	15	2	,, Municipal Rates and Taxes—			
Water-supply ...	23,065	6	5	Water Tax on Buildings and Lands ...	7,30,875	13	11
Repairs—							
Buildings ...	7,895	0	0	Water Tax Lands ...	9,115	3	11
Drainage—Repairs to Works, &c. ...	5,47,273	5	5	,, Tax on Vehicles, Animals and Carts	57,899	2	0
Establishment ...	70,243	14	3	By Revenue derived from Municipal Property and powers apart from taxation ...	1,18,051	1	1
Overtime ...	25	9	4				
Allowances ...	3,324	5	7				
Water-supply—Repairs to Works, &c. ...	2,10,460	10	4	By Grants and Contributions—			
				From Government—			
Establishment ...	34,350	2	3	Improvement of Water-supply and Drainage ...	5,00,000	0	0
Allowances ...	2,493	0	5	Sanitary Works ...	...	...	...
Establishment—General ...	44,888	4	9	,, Miscellaneous—			
Miscellaneous—W. W. Contingent ...	2,318	7	3	Payment for Water for non-domestic purposes ...	2,87,473	7	2
,, Grant IV.—Mis. Municipal purposes—				Sundry Receipts—Waterworks ...	29,386	15	3
Other Charges—				Workshop Receipts ...	12,501	8	7
Payment for Red Hills Water.	32,041	0	0	,, Extraordinary and Debt—Loan ...			
				Interest on Sinking Fund—Waterworks Loan of 1869-73 ...	25,416	12	9
Stores ...	3,377	8	0	,, Advances Recovered ...	35	11	3
Workshops ...	8,969	4	4	,, Transferred from General Fund Revenue Account ...	4,93,275	4	0
,, Grant V.—Supervision and Management ...	70,760	6	8				
,, Repayment of Debt—							
Sinking Fund ...	2,23,157	11	9				
Interest ...	3,72,068	15	5				
Advances recoverable ...	4,79,261	2	8				
Refund of other than Current Collections ...	13,261	1	5				
Transferred to General Fund Revenue Account ...	...	...	...				
Closing Balance Loan Account ...	1,12,711	7	1				
Total ...	26,69,136	10	6	Total ...	26,69,136	10	6

Dr. *Lighting Fund*—[*Vide* G. O. No. 244, *dated* 18th *February* 1882.] Cr.

	Rs.	A.	P.		Rs.	A.	P.
To Grant I—							
Establishment—General ...	3,701	4	1	By Opening Balance— ...	...	...	...
,, Grant IV—							
Lighting—Establishment ...	10,978	5	6	,, Municipal Rates and Taxes—			
Allowance ...	1,329	12	2				
Labour ...	14,?86	12	2				
Maintenance	83 839	11	0	Lighting Tax on Buildings and Lands— ...	2,24,884	10	5
Additional Lamps and Sundries ...	1,42,372	5	4	Lighting Tax on Lands— ...	2,804	6	9
Repairs to Lamps and Posts ...	46,281	8	3	,, Miscellaneous—			
Other charges—				Refund from expenditure of previous years ...	...	...	...
Stores ...	655	8	0				
Workshops ...	1,793	13	8	Workshop Receipts ...	2,500	4	11
,, Grant V—							
Supervision and management ...	14,152	1	5				
Repayment of Debt—				Extraordinary and debt ...	...	...	...
Sinking Fund ...	5,820	0	0				
Interest ...	[illegible]	[illegible]	[illegible]	Transferred from General Fund ...	1,40,487	8	0
,, Refund of other than Current Collections ...	460	15	0				
,, Transfer to General Fund ...	54,034	13	6				
,, Closing Balance (Revenue account)	...	...	...				
Total ...	3,70,676	14	1	Total ...	3,70,676	14	1

Revenue and Capital Accounts for 1920 *as compared with the Revised Estimate for* 1919–20.

—	Revenue Account.		Capital Account.		Total.	
	Actuals, 1919—20.	Revised Estimate 1919—20	Actuals, 1919—20.	Revised Estimate, 1919—20	Actuals, 1919—20.	Revised Estimate, 1919—20.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Receipts—						
Opening Balance ...	5,71,201	5,71,200	5,17,947	5,17,950	10,89,148	10,89,150
Municipal Rates and Taxes ...	26,94,153	26,93,600	...	...	26,94,153	26,93,600
Revenue derived from Municipal property and powers apart from Taxation.	5,35,921	5,11,400	8,679	17,000	5,44,600	5,28,400
Grants and Contributions ...	1,42,101	1,42,130	5,00,000	5,00,000	6,42,101	6,42,130
Miscellaneous ...	3,80,875	3,44,150	3,90,503	3,75,000	7,71,388	7,19,150
Extraordinary and Debt ...	25,417	52,500	...	...	25,417	52,500
Advances Recovered ...	61,942	65,000	36	12,860	61,978	77,860
Transferred from Revenue Account ...	...	...	6,360	7,300	6,360	7,300
Total ...	44,11,610	43,79,980	14,23,535	14,30,110	58,35,145	58,10,090
Charges—						
Grant I—Public Works ...	16,81,189	17,11.390	3,74,891	5,91,480	20,56,080	23,02,870
II—Education ...	70,945	87,210	...	...	70,945	87,210
III—Sanitation and Medical Services ...	10,62,892	9,76,920	...	...	10,62,892	9,76,920
IV—Miscellaneous Municipal Purposes ...	4,21,013	4,15,820	1,40,487	1,60,000	5,61,500	5,75,820
V—Supervision and Managment.	2,02,173	2,06,210	...	...	2,02,173	2,06,210
Repayment of Debt ...	2,68,488	2,68 500	...	...	2,68,488	2,68,500
Interest on Loans ...	4,72,039	4,87,190	...	...	4,72,039	4,87,190
Advances Recoverable ...	18,080	...	4,79,261	3,99,250	4,97,341	3,99,250
Refund of other than Current Collection	36,890	40,000	...	...	36,890	40,000
Discount ...	...	...	...	...	...	...
Pension and Gratuities ...	27,454	27,600	...	...	27,454	27,600
Transferred to Capital Account ...	6,360	7,300	...	...	6,360	7,300
Closing Balance ...	1,44,087	1,51,840	4,28,896	2,79,380	5,72,983	4,31,220
Total ...	44,11,610	43,79,980	14,23,535	14,30,110	58,35,145	58,10,090

Statement showing the expenditure incurred by the Corporation of Madras during the year 1919-20 from the special grants received from Provincial Funds.

Opening balance.	No. and date of Government Order sanctioning the grant for the year.	Purpose for which grants were made.	Amount of grant received during the year	Expenditure during the year out of the grant shown in col. 4	Balance of grant at the close of the year (col. 4 minus col. 5.	Expenditure during the year out of the balance of grants sanctioned in previous years shown in col. 1	Balance of such grants remaining unutilized at the close of the year (col. 1 minus col. 7).	Closing balance (col. 6 plus col. 8).	REMARKS.
1	2	3	4	5	6	7	1	9	10
Rs.			Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
	G. O. No. 747 M. Mis., dated 10th May 1919.	For improvement of Water-supply and drainage.	5,00,000	3,87,289	...	...	...	1,12,711	
19,288	...	For acquisition of land in Suparigunta, &c. ...	...	...	...	...	19,288	19,288	
792	...	For contructing Moor Street drain ...	...	...	...	...	792	792	
13,360	...	For constructing a storm water drain near Central Record Office ...	...	...	...	8,141	5,219	5,219	
19,456	...	For constructing two lorry loading stations ...	...	...	...	2,814	16,642	16,642	
10,455	...	For constructing a storm water drain across Wall Tax Road ...	...	...	...	10,455	...	...	
5 775	...	For extending dhobikhana at Chetput ...	...	...	...	3,546	2,229	2,229	
303	...	For constructing bear pits in People's Park ...	...	...	...	...	308	308	
20,250	G.O. No. 1387 M Mis., dated 18th Sept. 1919.	For draining the Washermanpet and Spur Tank Swamps ...	4,750	...	4,750	9,073	11,177	15,927	
	Do.	For covering the open drains in Ice House Road and enlarging and repairing outlet to Canal from Triplicane High Road ...	47,300	...	47,300	...	...	47,300	
	Do.	For covering the side drains in Triplicane High Road between Pillayar Covil Street and Wallajah Road and in Subadral Street ...	17,000	6,326	10,674	...	...	10,674	
	Do.	For realigning and covering the open drain in Moneghar Choultry Road ...	30,000	...	30,000	...	...	30,000	
	Do.	For covering the open drain in Poonamallee High Road at Periamet ...	950	...	950	...	...	950	
906	...	For Anti-Malarial drainage ...	...	...	...	906	...	...	
24,000	...	For purchasing 2 Motor Corries ...	...	...	...	24,000	...	...	

Statement showing the expenditure on works in charge of the Special Engineer for the last twelve years since his Department was created.

Particulars.	1908-09.	1909-10.	1910-11.	1911-12.	1912-13.	1913-14.	1914-15.	1915-16.	1916-17.	1917-18.	1918-19.	1919-20.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Water-supply :—New Works ...	94,108	2,06,778	3,47,217	4,81,338	6,63,591	17,28,367	6,36,480	4,64,476	8,39,720	71,338	33,236	6,247	55,72,896
Drainage :— Do. ...	67,240	86,216	4,18,032	5,37,049	4,69,810	3,20,136	3,03,622	6,66,175	6,14,650	5,24,440	5,10,515	3,15,601	48,33,486
Drainage Maintenance (1) Pumping Stations..	...	86,324	1,14,889	1,21,774	1,42,912	1,46,546	1,85,870	1,80,974	68,285	.	..	...	10,47,574
Drainage Maintenance Sewer cleaning ...	...	15,303	21,344	14,385	18,270	...	...	...	...	...	...	...	69,302
(2) Water-supply :—Repairs, Kilpauk Pumping Station	...	...	...	...	...	...	20,812	87,007	35,302	...	...	...	1,43,121
Works executed and the cost charged to Revenue account ...	...	7,930	9,863	8,864	1,373	13,380	6,152	...	39,705	28,364	52,824	61,909	2,30,364
Private work executed	...	455	1,013	729	1,354	23,298	72,337	3,736	...	...	...	...	1,02,922
Anti-Malaria Works executed ...	...	...	...	...	...	...	...	22,134	8,875	18,589	25,521	34,866	1,09,985
Total ...	1,61,348	4,03,006	9,12,358	11,64,139	12,97,310	22,31,727	12,25,273	14,24,502	16,06,587	6,42,731	6,22,096	4,18,623	121,09,650

1 and 2 handed over to Works Department on 1st August 1916.

SPECIAL WORKS DEPARTMENT.

Expenditure under Capital Account.

Particulars.	Total Expenditure up to 31-3-20. Rs.	A.	P.	Expenditure for 1919–20 Rs.	A	. .
Drainage Section.						
New Drainage Works "Special"	61,38,389	10	1	6,05,818	13	5
Establishment—						
General Branch	2,48,186	15	0	31,699	10	10
Design and Construction	3,96,888	6	5	Cr.11,807	14	9
Famine Allowance	5,775	0	4	3,374	2	7
Conveyance Allowance	20472	0	9	1,803	3	8
Charge Allowance	2,739	6	2	1,312	14	5
Sewer No. II	568	1	9	0	0	0
George Town Drainage	889	0	0	0	0	0
Miscellaneous	1,79,024	13	0	7,593	2	2
Total for Drainage Works ...	69,92,933	5	6	6,39,794	0	4
Sales of Stores ...	21,59,448	4	1	3,24,193	0	3
Net Expenditure ...	48,33,485	1	5	3,15,601	0	1
Water-works Section.						
New Water-supply Works "Special"	30,59,244	1	8			
Establishment—						
General Branch	1,46,814	4	7			
Construction	1,55,494	7	3			
Famine Allowance	1,696	4	9	...	...	...
Travelling Allowances to Officers	4,178	2	5			
Charge Allowance	802	15	9			
Miscellaneous	65,644	12	8			
Distribution Scheme—						
Works	27,39,186	2	6	15,982	4	1
Establishment	92,207	3	2	0	0	0
Famine Allowance	258	7	4	0	0	0
Conveyance Allowance	4,362	6	1	0	0	0
Total for Water-works ...	62,69,889	4	2	15,982	4	1
Sales of Stores ...	6,96,992	9	0	9,735	4	11
Net Expenditure ...	55,72,896	11	2	6,246	15	2
Summary of Expenditure.						
Drainage Works	69,92,933	5	6	6,39,794	0	4
Water-works	62,69,889	4	2	15,982	4	1
Total ...	1,32,62,822	9	8	6,55,776	4	5
Deduct Sales of Stores ...	28,56,440	13	1	3,33,928	5	2
Net Expenditure ...	1,04,06,381	12	7	3,21,847	15	3

CONSTRUCTION WORKS—DRAINAGE SECTION.

Departmental Sewer Laying. Branch sewers

Diameter of Pipes.	Total to 31st March 1920.				Remarks.
	Purasawalkam Area.		Napier Park Area.		
	Lineal feet.	No.	Lineal feet.	No.	
24″ Sewer C. I. ...	739				
21″ „ ...	223				
18″ „ ...	699				
18″ S. W. ...	2,368		167		
16″ „ C. I. ...	2,386		...		
15″ S. W. ...	953		...		
12″	4,999		853		
9″	12,536		18,088		
6″	6,009		30,053		
Manholes	...	161	...	430	
Lampholes	...	...	...	...	
Flushing shaft	...	...	...	...	
Total ...	30,912	161	49,161	430	
Value of work executed ...	Rs. 3,32,801		Rs. 1,73,680		

THE OUT-FALL SEWER AT SEWAGE FARM.

Departmental.

Cast-Iron Pipe Sewer.

—	Length and size of pipes laid.		Expenditure.
	36 inches C. I. Pipes.	40 inches. C. I. Pipes.	
	L. ft.	L. ft.	Rs.
Progress up to 31st March 1920.	256	256	94,873

Brick Sewer.

—	Trench excavated.	Concrete laid.	Half Sewer built.	Completed Sewer.	Manholes.
	L. ft.	L. ft.	L. ft.	L. ft.	No.
Progress up to 31st March 1920.	607	607	607	607	11

APPENDIX II—TABLE No. 5.

SPECIAL WORKS DEPARTMENT, DRAINAGE SECTION.

Statement of Contracts awarded in connection with Special Drainage and Water Supply.

Contract	Description of Works.	Amount of	Name of Contractor.	Amount of	Value of work executed up to 31st	Amount of	Date of order to	Date of	Remarks
	Total ...	7,43,184 0 0		5,39,078 13 9		11,000 0 0			

PUMPING MAIN No. 6.

Laying 36 inch Diameter Cast Iron Pipes—Departmental.

	Trench excavated.	Pipes laid.	Manholes.	Air valves.	Washouts.	Expenditure on work done.
	L. Ft.	L. Ft.	No.	No.	No.	Rs.
Progress up to 31st March 1920 ...	7,889	7,889	3	...	2	4,08,167

APPENDIX II.—TABLE No. 7.

THE WASHERMANPET SWAMP—DRAINAGE.

Departmental, Concrete Channel.

——	Trench excavated.	Concrete laid.	Completed channel.	Expenditure.
Progress up to 31st March 1920 ...	L. Ft. 2,720	L. Ft. 2,715	L. Ft. 2,715	Rs. 9,073

Messrs. Burn & Co.'s Stoneware Pipes (Indian) Abstract Statement of breakages and cost per foot.

—	6-inch pipes.											
	Length paid for.	Length accepted as sound.	Percentage Loss.	Total cost per wagon load.			Cost per L. ft. on quantity paid for.			Cost per L. ft. of accepted Length.		
	L. ft.	L. ft.		Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
1st Wagon ...	1,956	1,718	12·00	1,232	14	6	0	10	1	0	11	6
2nd Wagon ...	1,880	1,675¼	10·90	1,294	5	7	0	11	0	0	12	5
3rd Wagon ...	1,750	1,415⅚	19·08	1,247	10	3	0	11	5	0	14	1
4th Wagon ...	1,840	1,710½	7·06	1,286	11	9	0	11	3	0	12	0
6th Wagon ...	1,920	1,809¼	5·77	1,316	1	4	0	11	0	0	11	8
7th Wagon ...	1,660	1,628	1·93	1,151	8	1	0	11	1	0	11	4
9th Wagon ...	1,846	1,512	18·09	1,285	9	6	0	11	2	0	13	7
10th Wagon ...	1,940	1,760	9·28	1,354	8	0	0	11	2	0	12	4
11th Wagon ...	2,000	1,671	16·30	1,389	1	0	0	11	1	0	13	4
12th Wagon ...	1,840	1,619	12·01	1,268	3	6	0	11	0	0	12	6
15th Wagon ...	1,940	1,763	9·12	1,348	1	9	0	11	1	0	12	3
16th Wagon ...	2,070	1,923	7·10	1,443	12	8	0	11	2	0	12	0
18th Wagon ...	2,000	1,714	14·30	1,386	5	6	0	11	1	0	12	11
20th Wagon ...	1,766	1,596	9·63	1,216	5	0	0	11	0	0	12	2
21st and 22nd Wagon ...	3,644	3,305	9·30	2,525	10	9	0	11	1	0	12	3
23rd Wagon ...	2,000	1,631	18·45	1,369	7	1	0	10	11	0	13	5
24th Wagon ...	1,824	1,770	2·96	1,248	15	9	0	10	11	0	11	3
25th Wagon ...	2,360	2,271	3·77	1,614	5	10	0	10	11	0	11	5
29th Wagon ...	1,960	1,694	15·11	1,369	4	4	0	11	2	0	12	11
30th Wagon ...	1,860	1,480	20·43	1,277	13	6	0	11	0	0	13	10
32nd Wagon ...	2,240	1,955	12·72	1,480	5	6	0	10	7	0	12	1
34th Wagon ...	2,060	1,969	4·42	1,478	6	9	0	11	6	0	12	0
36th Wagon ...	1,620	1,475	8·95	1,119	14	4	0	11	1	0	12	2
38th Wagon ...	2,160	2,041	5·51	1,509	5	0	0	11	2	0	11	10
40th Wagon ...	1,812	1,677	7·45	1,274	9	5	0	11	3	0	11	2
41st Wagon ...	1,680	1,008	40·00	1,172	2	8	0	11	2	1	2	7
42nd Wagon ...	2,500	2,042	18·32	1,744	7	11	0	11	2	0	13	8
43rd Wagon ...	1,420	1,294	8·87	993	6	6	0	11	2	0	12	3
44th Wagon ...	2,100	1,894	9·81	1,470	7	9	0	11	2	0	12	5
46th Wagon ...	1,400	1,249	10·78	968	3	9	0	11	1	0	12	5
47th Wagon ...	1,600	1,384	13·50	1,122	10	3	0	11	3	0	15	[illegible]
48th Wagon ...	1,900	1,400	26·31	1,336	7	3	0	11	3	0	15	3
Total ...	62,548	55,053⅚	16·47	43,297	2	9	0	11	1	0	12	7
Cost of Pipes from Doulton under Contract M. & M. No. 18										0	9	5
	4-inch pipes.											
5th Wagon ..	2,920	2,840	2·74	1,412	6	0	0	7	9	0	8	0
8th Wagon ...	2,982	2,703	9·36	1,427	10	6	0	7	8	0	8	5
13th Wagon ...	3,200	2,916	8·87	1,534	10	9	0	7	8	0	8	5
14th Wagon ...	3,000	2,808	6·40	1,458	7	9	0	7	9	0	8	4
17th Wagon ...	2,800	2,518	7·21	1,381	5	3	0	7	11	0	8	6
19th Wagon ...	2,240	2,198	1·87	1,097	12	9	0	7	10	0	8	0
26th Wagon ..	3,444	3,287	4·56	1,640	12	8	0	7	7	0	8	0
27th Wagon ...	2,972	2,655	10·66	1,428	14	8	0	7	8	0	8	7
28th Wagon ...	3,460	3,154	8·87	1,672	0	8	0	7	9	0	8	6
31st Wagon ...	3,480	3,305	5·02	1,666	3	6	0	7	8	0	8	1
33rd Wagon ...	3,364	3,055	9·18	1,627	11	11	0	7	9	0	8	6
35th Wagon ..	3,300	3,077	6·76	1,611	14	11	0	7	10	0	8	5
37th Wagon ...	1,900	1,792	5·68	898	5	4	0	7	7	0	8	0
39th Wagon ...	3,276	3,196	2·43	1,634	3	11	0	8	0	0	8	2
45th Wagon ...	3,168	2,996	5·44	1,501	3	2	0	7	7	0	8	0
Total ...	45,506	42,500	6·60	21,993	11	9	0	7	8	0	8	3
Cost of pipes from Doulton under Contract M. & M. No. 18										0	6	1

SPECIAL WORKS DEPARTMENT.

Value of tools and plant and materials on 31st March 1919 (as given in the Administration Report for 1918-19 compared with the estimated value on 31st March 1920.

	31st March 1919	31st March 1920
	Rs.	Rs.
Tools and plant	40.033	57,298
Materials	3,19,412	2,54,588
Amount to be written off with the sanction of the Standing Committee for loss, wear and tear and depreciation		1,998
Total ...	3,59,445	3,13,884
Add value of Stoneware Pipes, etc., used during the year ...		45,561
		3,59,445

SPECIAL WORKS DEPARTMENT.
Cost of Design and Supervision.
Water-Works Section.

Year.	Design.			Construction.			Value of work designed	Percentage of Designing Establishment on value of work designed.	Value of work executed.	Percentage of supervision on value of work executed.
	Engineers.	Subordinates.	Total.	Engineers.	Subordinates.	Total.				
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.
1908—09	21,131	5,876	27,007	1,800	700	2,500			64,602	3·87
1909—10	17,640	9,664	27,304	4,600	2,300	6,900	62,79,500		1,72,574	3·99
1910—11	12,108	9,406	21,514	12,108	9,407	21,515			3,04,188	7·07
1911—12	12,624	10,441	23,065	12,625	10,441	23,066			4,35,207	5·30
1912—13	11,983	9,853	21,836	11,984	9,853	21,837	...		6,19,918	3·52
1913—14	9,955	15,121	25,076	9,955	15,122	25,077	...		16,78,214	1·49
1914—15	9,900	18,929	28,829	9,900	18,930	28,830	5,30,000		5,78,821	4·98
1915—16	9,980	10,543	20,523	9,980	10,542	20,522	...		4,23,431	4·85
1916—17	7,134	9,731	16,865	7,135	9,731	16,866	...		8,05,989	2·09
1917—18	5,832	6,744	12,576	5,832	6,745	12,577	...		46,184	27·23
1918—19	...	...	...	630	896	1,526	...		31,710	4·81
1919—20	...	...	...	...	...	...	7,20,000		6,247	...
Total ...	1,18,287	1,06,308	2,24,595	86,549	94,667	1,81,216	75,29,500	2·98	51,67,085	3·51

DRAINAGE SECTION.

Year.	Design Engineers.	Design Subordinates.	Design Total.	Construction Engineers.	Construction Subordinates.	Construction Total.	Value of work designed	Percentage of Designing Establishment on value of work designed.	Value of work executed.	Percentage of supervision on value of work executed.
1908—09	17,801	7,418	25,219	1,600	800	2,400	9,82,910		39,621	6·06
1909—10	19,500	10,278	29,778	2,400	1,200	3,600	18,18,945		52,837	6·81
1910—11	12,777	8,859	21,636	12,777	8,859	21,636	38,610		3,74,760	5·77
1911—12	18,015	13,057	31,072	18,015	13,057	31,072	84,475		4,74,905	6·54
1912—13	15,437	15,716	31,153	15,437	15,716	31,153	1,21,03,440		4,07,505	7·64
1913—14	17,399	16,217	33,616	17,400	16,217	33,617			2,52,903	13·29
1914—15	14,820	21,464	36,284	14,820	21,463	36,283	12,12,500		2,31,055	15·70
1915—16	18,250	21,332	39,582	18,250	21,331	39,581	2,81,470		5,87,012	6·74
1916—17	18,819	12,391	31,210	18,820	12,392	31,212	60,650		5,52,228	5·65
1917—18	11,555	19,067	30,622	11,554	19,067	30,621	94,870		4,63,197	6·61
1918—19	22,320	15,846	38,166	22,320	15,846	38,166	1,35,000		4,34,183	8·84
1919—20	20,445	17,374	37,819	20,445	17,374	37,819	1,85,200		2,89,219	13·07
Total ...	2,07,138	1,79,019	3,86,157	1,73,838	1,63,322	3,37,160	169,98,070	2.27	41,59,425	8·11

Table shewing sizes and length of water pipes laid during the year 1919–1920.

Serial No.	Name of Street.	Division.	Cast Iron Pipes Laid.	
			Size.	Ft.
1	North Madha Street	20	3″	294
2	Mundakanni Ammen Koil Street	20	4″	539
3	Buddu Sahib Street	6	4″	742
4	Pallappen Street	8	4″	629
5	Do.	8	3″	201
6	Madura Vasal Street	6	4″	330
7	Azizmullah Othavadai	15B	4″	1020
8	San Thome High Road	20	6″	1034
9	Mahomed Hussain Street	19	2″	350
10	Mir Bakshi Ali Sahib Street	18	4″	1505
11	Do.	18	2½″	1340
12	Gafoor Sahib Street	18	4″	660
13	Pallappen Street	18	3″	400
14	Singara Garden 8th Lane	2	4″	370
15	Suriyanarayana Chetty Street	1	4″	3078
16	Do.	1	3″	3143
17	San Thome High Road (from the junction of Karneswarer Pagoda Street	19	5″	1600
18	Adam Street	19	4″	1024
19	Lynne Pereira Street	19	4″	575
20	San Thome High Road	19	5″	900
21	Do.	19	6″	980
22	Mari Chetty Street	20	4″	503
23	Arunagiri Mudaly Street	20	3″	223
24	Periathumby Mudaly Street	11	4″	540
25	Office Venkatachella Mudaly Srteet ...	17	4″	980
26	Mahomed Abdulla Sahib Street	17	4″	530
27	Gulam Musti Street	17	4″	540
28	Habi bullah Sahib Street	17	2″	325
29	Sennu Mudaly Street	8	3″	210
30	Venkatachellam Lane	9	2	500
	Total length of cast iron pipes Laid ...			25,065

SPECIAL WORKS DEPARTMENT.

Statement showing the works executed and the cost charged to Revenue Account, etc., during 1919–1920.

No.	Description of Works.	Amount of Estimate.	Expenditure during the year.	Expenditure up to 31st March 1920.
		Rs.	Rs.	Rs.
1	Investigating the existing sewers and preventing flooding in Moore Street, George Town.	5,600	315	5,326
2	Improvement of Kelly's drain in George Town	24,310	4,847	27,942
3	Anti-malaria and Storm-water Drainage in Purasawakkam			
	Engineering staff, etc.	25,000	...	21,035
	(*a*) Strahan's Road Scheme	8,745	1,312	7,308
	(*b*) Brick-kiln Road Scheme, North Portion.	2,570	257	2,060
	Do. do. South Portion.	2,600	...	2,509
	(*c*) Decaster's Road	11,230	2,246	7,829
	(*d*) Main Channel	71,790	31,051	69,194
4	Storm-water Drainage in South Triplicane ...	48,150	14,223	37,707
5	Do. do. in Stringers Street ...	600	...	474
6	Construction of Storm-water drains across the Salt Depot in Wall Tax Road	33,600	18,983 (items 6 and 7)	42,128 (items 6 and 7)
7	Do. do. in Basin Bridge.	11,980		
8	Do. do. in Egmore ...	39,550	8,142	34,333
9	Do. do. in Washermanpet	25,000	9,073	9,073
10	Do. do. in Triplicane High Road	31,800	6,326	6,326
	Total ...	3,42,525	96,775	2,73,214

NAPIER PARK DRAINAGE AREA.

Statement showing work done up to 31st March 1920 with the value thereof at Main Drainage Estimate Rates, and the actual cost incurred.

Description of work.	Unit.	Quantity executed.	Value of Work done asper estimates. Rs	A.	P.	Actual cost. Rs.	A.	P.
Sewers.								
6 inch	L. ft.	30,053	50,349	0	0	39,358	0	0
9 „	„	18,088	58,955	0	0	47,550	0	0
12 „	„	853	4,657	0	0	3,547	0	0
18 „	„	167	2,424	0	0	1,550	0	0
Manholes	No.	430	37,055	0	0	25,033	0	0
Miscellaneous	...		73,112	0	0	48,768	0	0
			2,26,552	0	0	1,65,806	0	0
Deduct for materials on hand ...						...	...	...
Saving on estimates ...						60,746	0	0

PURASAWAKKAM DRAINAGE AREA.

Statement showing work done up to 31st March 1920. with the value thereof at Revised Estimate rates and the actual cost incurred.

Description of Work.	Unit.	Quantity Executed.	Value of Work done as per revised estimates			Actual cost.		
			Rs.	A.	P.	Rs.	A.	P.
6 inch Sewer, S. W. ...	L. ft.	6,009	12,400	0	0	10,376	0	0
9 Do. do. do. ...	"	12,535	63,100	0	0	58,274	0	0
12 Do. do. do. ...	"	4,998	43,000	0	0	38,463	0	0
15 Do. do. do. ...	"	954	15,000	0	0	30,929	0	0
16 Do. do. C.I. ...	"	2,386	54,000	0	0	25,389	0	0
18 Do. do. S.W. ...	"	2,368	59,000	0	0	36,505	0	0
18 Do. do. C.I. ...	"	882	24,000	0	0	10,464	0	0
21 Do. do. do. ...	"	223	8,000	0	0	10,182	0	0
24 Do. do. do. ...	"	966½	47,700	0	0	29,926	0	0
Manholes ...	No.	211	52,400	0	0	49,586	0	0
Miscellaneous ...			8,500	0	0	8,557	0	0
Total ...			3,87,100	0	0	3,08,651	0	0
Savings on Estimates ...			78,449	0	0			

ROYAPURAM DRAINAGE AREA.

Statement showing work done up to 31st March 1920 with the value thereof at Main Drainage Estimate Rates, and the actual cost incurred.

Description of work.	Unit.	Quantity executed.	Value of work done as per estimates.			Actual cost.		
			Rs.	A.	P.	Rs.	A.	P.
6 inch sewers ...	L. feet.	27,853	45,500	0	0	39,124	0	0
9 " " ...	"	22,246	70,990	0	0	62,564	0	0
12 " " ...	"	1,886	8,947	0	0	7,754	0	0
15 " " ...	"	847	6,339	0	0	4,200	0	0
18 " " ...	"	912	8,794	0	0	6,928	0	0
21 " " ...	"	1,877	27,890	0	0	18,637	0	0
Manholes ...	Nos.	360	32,260	0	0	30,070	0	0
Miscellaneous ...	...	...	24,200	0	0	37,569	0	0
Total ...			2,24,920	0	0	2,06,846	0	0
Savings on estimates Rs. ...			18,074	0	0			

WORKS DEPARTMENT.

Statement showing the value of Pumping Station Buildings and Plant, as given in the Administration Report for 1918–19, compared with the estimated value on the 31st March 1920.

—		Value in Books on 31st March 19.	Estimated Value on 31st March 20.
		Rs.	Rs.
Royapuram	Buildings	10,100	10 670
	Machinery	84,895	84,762
Law College	Buildings	15,000	15,000
	Machinery	59,988	59,898
Langs-Garden	Buildings	7,264	7,264
	Machinery	10,201	10,080
Napier Park	Buildings	10,700	10,700
	Machinery	16,265	16,113
Ice House Road	Buildings	8,520	8,520
	Machinery	11,692	11,537
Mylapore	Buildings	3,562	3,562
	Machinery	9,433	9,312
D'Mellow's Road	Buildings	3,000	3,000
	Machinery	11,073	10,912
Tondiarpet	A Buildings	11,855	11,855
	A Machinery	17,104	17,020
	B Buildings	13,590	13,590
	B Machinery	27,138	27,018
	C Buildings	11,454	11,454
	C Machinery	17,165	17,081
Night Soil Depot	Buildings	5,460	5,460
	Machinery	1,980	1,980
Pycroft's Road	Buildings	2,500	2,500
	Machinery	5,163	5,163
Vepery ...	Buildings	500	500
	Machinery	1,500	1,500
Kilpauk	Buildings	1,64,789	1,66,289
	Machinery	3,05,073	3,04,893
	Elevated Tank	1,57,260	1,57,260
	„ Masonry and Foundation ..	82,893	82,893
	Total ...	10,87,117	10,89,187
	Amount to be written off with the sanction of the Standing Committee for loss, wear and tear and depreciation	...	1,401
			10,89,187
	Deduct value of Buildings and Machinery added during the year ...	...	2,070
			10,87,117

Works Department

Cost of Pumping at Pumping Stations.

From April 1919 to March 1920

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	4·12	[illegible]	1·35
Total cost per Pump Horse Power for the previous year (from April 1918 to March 1919) ...	5·12	5·73	8·90	4·54	8·76	9·16	5·38	14·42	3·32	23·74	1·12
Total cost per year in Rupees ...	42045·14	40359·09	31109·59	44027·06	36930·62	14371·72	28595·57	7908·19	10955·41	6923·26	142712·27
Total cost for previous year in Rupees (from April 1918 to March 1919) ...	43561·10	24575·14	27070·99	32706·55	32361·53	12222·34	27425·01	7597·97	10641·65	7636·53	121667·63

Total cost of Pumping for the year for the above Sewage Pumping Stations ... ...Rs.	2,63,657
Add to this the total cost for Vepery, Sewage Farm and Pycrofts Road Pumping Stations including the stock coal at the end of 31st March 1920	36,885
	3,00,542
Total cost of Pumping for the year for the Water Works Pumping Station	1,42,712
Deduct the difference of Salary of the Mehanical Engineer chargeable to Kilpauk Pumping Station	1,324
	1,41,388
Add to this the total cost for the value of coal slack at coal rate and the stock coal at the pumping Stations.	17,154
	1,58,542
Deduct the sale amount of slack credited to Kilpauk Pumping Station during 1919–1920 ...	2,206
	1,56,336

Table showing sizes and length of water pipes laid during the year 1919–20.

Divisions.	5″	4″	2″	$1\frac{3}{4}$″	$1\frac{1}{4}$″	1″	$\frac{3}{4}$″
	Ft.	Ft.	Ft.	Ft.	Ft.	Ft.	Ft.
1 to 4	...	...	510	...	...	...	...
8 to 12	...	...	...	...	...	375	...
11 & 15	16	...	168	16	30	...	...
16 to 18	...	9	538	22	...	1,175	645
21 to 22	...	1,463	...	...	...	...	...
23 to 25	...	...	310	...	...	...	...
26 to 27	...	...	...	...	...	...	260
28 to 30	...	...	1,149	...	...	...	...
Total.	16	1,472	2,675	38	30	1,550	905

Reforming Roads during 1919–20.

Thickness.	Blue Granite.				Velacheri Granite.				Laterite.				Gravel.				Remarks.
	Squares.	Miles.	Furlongs.	Yards.	Squares.	Miles.	Furlongs.	Yards.	Squares.	Miles.	Furlongs.	Yards.	Squares.	Miles.	Furlongs.	Yards	
6″	...	...	...	...	225·00	0	1	80	79·50	...	...	175	...	...	...	...	
5″	...	...	...	...	...	...	...	...	301·40	...	3	176	...	...	...	...	
4″	2,473·75	1	6	190	1,201·77	1	2	120	3,834·05	3	4	141	...	...	...	...	
3″	10,083·06	6	3	76	6,730·76	5	3	23	6,574·90	6	5	9	...	...	...	...	
2″	4,732·90	2	6	78	2,53·00	...	2	77	1,151·60	...	7	25	198·75	...	2	1	
Total ...	17,289·71	11	...	124	8,410·53	7	1	80	11,941·45	11	5	86	198·75	...	2	1	Grand Total :— M. F. Yds. 30–1–71.

Table showing the monthly rainfall and water level in the Red Hills Lake in 1919–20.

Month and year.	Rainfall in inches	Average level of the Lake	Remarks.
April 1919	0·01	42·58	These figures are according to the Government Public Works Department Datum.
May ,,	0·25	40·81	
June ,,	2·59	38·87	
July ,,	5·40	37·31	
August ,,	3·54	37·38	
September ,,	5·07	37·63	
October ,,	6·39	37·92	
November ,,	11·27	41·70	
December ,,	5.09	45·67	
January 1920	7·77	46·17	
February ,,	...	46·10	
March ,,	...	43·85	

Statement showing the quantity of excess water through metered services billed for during the year 1919–20 and the total collections of the year.

Period.	Quantity of excess water during the year in gallons.	Bills issued during the year.			Amount collected during the year.			Remarks.
March 1919	25,141,312	25,141	5	0				
April ,,	24,031,625	24,031	10	0				
May ,,	27,189,438	27,189	7	0				
June ,,	23,316,438	23,316	7	0				
July ,,	23,513,438	23,513	7	0				
August ,,	23,115,438	23,115	7	0				
September ,,	21,633,813	21,633	13	0				
October ,,	23,528,813	23,528	13	0				
November ,,	22,122,375	22,122	6	0				
December ,,	22,805,125	22,805	2	0				
January 1920	23,448,375	23,448	6	0				
February ,,	23,840,500	23,840	8	0				
Water supplied for building purposes & charged for, when plans were submitted	6,050,540	6,050	3	4				
Total.	289,736,908	2,89,736	14	4	2,87,473	7	2	*
Total for 1918–19.	224,930,700	1,93,319	3	0	2,01,651	5	2	

* Includes arrears of previous years collected during the year.

TABLE No. 22.

Total of license fees recovered and the number of applications or cases dealt with during the year 1919-20.

Total Number of applications or cases dealt with.	Number refused or undisposed.	Number Sanctioned.	Purpose.	License fee. Rs.	A.	P.
25	...	25	Aerated water and Ice factories ...	2,500	0	0
290	6	284	Bake houses ...	2,240	0	0
4	...	4	Blasting powder ...	200	0	0
2	...	2	Bones ...	100	0	0
32	1	31	Brick-kilns ...	205	0	0
3440	367	3073	Construction or reconstruction of buildings and huts ...	6,142	0	0
200	2	198	Breaking and hammering iron and manufacturing vessels out of iron ...	1,976	0	0
259	...	259	Beating metals or manufacturing vessels, utensils, etc with sheet metals ...	518	0	0
1	...	1	Burial and Burning ground Registration.	10	0	0
45	...	45	Candles ...	225	0	0
2	...	2	Carpet factories ...	4	0	0
15	1	14	Cartstands ...	555	0	0
64	...	64	Casting metals ...	470	0	0
1	...	1	Catgut ...	15	0	0
613	10	603	Cattleyards ...	4,158	8	0
93	1	92	Charcoal, coal or coke ...	1,416	0	0
5,086	388	4,698	Carried over ...	20,734	8	0

Total Number of applications or cases dealt with.	Number refused or undisposed.	Number sanctioned.	Purpose.	License fee. Rs.	A.	P.
5,086	388	4,698	Brought forward ...	20,734	8	0
14	...	14	Chemicals ...	350	0	0
56	1	55	Cloths manufacture in Indigo or other colours ...	1,322	0	0
2	...	2	Cocoanut fibre ...	10	0	0
18	...	18	Condiment factories ...	180	0	0
12	...	12	Cotton ...	335	0	0
59	...	59	Debentures Registration ...	59	0	0
4	...	4	Dynamite ...	200	0	0
7	...	7	Erection of steam boilers ...	700	0	0
928	1	927	Firewood ...	3152	0	0
42	...	42	Fireworks ...	235	0	0
13	...	13	Fish ...	39	0	0
63	3	60	Flour ...	300	0	0
2	...	2	Fulminate of mercury ...	100	0	0
3	...	3	Gas ...	150	0	0
58	1	57	Gilding and electro-plating	290	0	0
91	...	91	Grave diggers ...	91	0	0
9	...	9	Gun powder ...	900	0	0
158	6	152	Hack stables ...	459	0	0
15	...	15	Hair (souri) ...	75	0	0
1	...	1	Hemp ...	25	0	0
7	...	7	Horns ...	350	0	0
6,648	400	6,248	Carried over ...	30,056	8	0

Total Number of applications or cases, dealt with	Number refused or undisposed.	Number Sanctioned.	Purpose.	License fee Rs.	A.	P.
6,648	400	6,248	Brought forward ...	30,056	8	0
10	...	10	Ironsafe manufacturing ...	250	0	0
31	...	31	Lime ...	800	0	0
41	1	40	Markets ...	3,600	0	0
450	...	450	Matches ...	1,436	0	0
44	10	34	Meatstalls ...	170	0	0
718	3	715	Obstruction, scaffolding. etc. ...	2,461	0	0
137	...	137	Oil petroleum under Municipal Act ...	1052	8	0
81	12	69	,, Petroleum ,, ...	2,426	0	0
128	...	128	Oil Mills and presses ...	1,700	0	0
123	...	123	Oil storing ...	1,377	8	0
14	...	14	Oil boiling ...	70	0	0
6	...	6	Offal ...	300	0	0
2	...	2	Oil cloth ...	10	0	0
525	12	513	Paddy boiling ...	573	0	0
6530	53	6477	Pandals ...	13,684	12	0
1	...	1	Paper ...	5	0	0
7	...	7	Pitch ...	175	0	0
45	...	45	Plumbers' Licenses ...	450	0	0
45	...	45	Pottery kilns ...	225	0	0
3	...	3	Rags ...	35	0	0
192	8	184	Skins, hides and leather ...	6,680	0	0
5	...	5	Soap Manufacture	250	0	0
15,786	499	15,287	Carried over ...	67,787	4	0

Total Number of applications or cases dealt with.	Number refused or undisposed.	Number Sanctioned.	Purpose.	License fee Rs.	A.	P
15,786	499	15,287	Brought forward ...	67,787	4	0
23	...	23	Spirits and turpentine ...	575	0	0
100	...	100	Straw, dry leaves etc. ...	520	0	0
6	...	6	Sulphur ...	150	0	0
3839	10	3829	Sunshades ...	6324	0	0
2	...	2	Swine ...	6	0	0
14	...	14	Tar ...	350	0	0
177	...	177	Timber, bamboos, palmyra rafters etc. ...	5280	0	0
1	...	1	Wool ...	50	0	0
300	27	273	Washing soiled clothes ...	Free.		
331	...	331	Butchers' licenses ...	Free.		
606	...	606	Arrear collections ...	2308	0	0
58	58	...	Advance collections ...	2748	8	0
21,243	594	20,649		86098	12	0
			Less the amount refunded	186	4	0
			Total ...	*85912	8	0
			Total of fees collected under " Licenses Registration, etc." including private markets and cartstands.			
			During the year 1918-19	85,272	4	0
			Do. 1917-18	82,405	8	0
			Do. 1916-17	78,671	12	0

* Includes fees for cartstands and private markets. viz Rs. 4,214-8-0.

People's Park—Statement of Receipts and Disbursements for the year 1919-20.

Disbursements.	Amount.			Receipts.	Amount.		
	Rs.	A.	P.		Rs.	A.	
Establishment	6,751	13	3	Sale proceeds of hay and grass.	821	1	6
Allowance	...	...	...				
	6,751	13	3	Payment by contractor for menageri collectionse ...	6,695	15	0
Labour.							
Gardeners etc.	4,761	13	3				
Cost of food for animals ...	60	0	0	Miscellaneous	2,584	13	0
Feeding animals and birds ...	15,935	15	4				
Purchasing animals and birds ...	180	4	0		10,101	13	6
Other charges.							
Clothingfor sergeants and peons.	257	0	6	Government grant for up-keep of zoological collections ...	2,000	0	0
Weeding and cutting grass ...	887	6	6				
Sundries, etc. including Carpenters wages, etc. ...	569	7	2				
Repairing gravel walks ...	...	...	...				
Repairing band stand seats ...	72	5	11				
Do. Lamp posts ...	78	7	2				
Purchasing tubs, manure, etc. ..	924	9	4				
Improving and covering foliage shed	1,267	1	7				
Constructing masonry stands ..	179	9	9				
General repairs to cages ...	2,909	15	11				
Stationery	61	11	5				
Printing	16	11	4				
Advertisement	4	0	0				
Fees for band playing ...	1,175	0	0	Met from the Corporation funds	25,569	9	11
Improvement of the Park ...	1,453	3	0				
	30,794	10	2				
Tools and plant	125	0	0				
Total ...	37,671	7	5	Total ...	37,671	7	5

TABLE No 24.

Napier Park—Statement of Receipts and Disbursements for the year 1919-20

Disbursements.	Amount.			Receipts.	Amount.		
	Rs.	A.	P.		Rs.	A.	P.
Establishment	869	13	0	Sale of hay and grass ...	...	..	..
Allowance	...	...	...				
	869	13	0				
Labour.							
Gardeners	677	7	6				
Clothing for peons	77	13	6				
Contingencies	698	5	4				
	1,453	10	4	Met from the Corporation funds.	2,323	7	4
Tools and plant	...	...	...				
Total ...	2,323	7	4	Total ...	2,323	7	4

Robinson Park—Statement of Receipts and Disbursements for the year 1919-20.

Disbursements.	Amount. Rs.	A.	P.	Receipts.	Amount. Rs.	A.	P.
Establishment	1,559	8	0	Sale of grass, etc.	582	3	11
Labour.							
Gardeners, Engine Driver and Lascar	3,473	1	9				
Oil for lighting	77	9	0				
Clothing for peons	97	10	9				
Purchasing wire fencing, repairing hand carts, etc. ...	334	1	2				
Renewing coir matting ..	229	4	3				
Repairing lamp posts and lanterns, and purchasing chimneys	20	6	4				
Purchasing tubs, manure, etc....	609	13	0				
Fees for playing band ...	720	0	0				
Repairing and painting seats ..	...	...	..				
Extending Foliage shed ...	638	14	4				
Wooden Foliage shed ..	77	11	1				
Do. Bower	59	14	1				
Repairing and varnishing office furnitures	4	8	0				
Stationery	37	13	8				
Printing	0	7	6	Met from the Corporation funds.	7,623	6	7
Fuel etc., for oil engine ...	264	15	7				
	6,646	2	6				
Tools and plants	...	.	...				
Total ...	8,205	10	6	Total ...	8,205	10	6

TABLE No. 26.

Loane Square—Statement of Receipts and Disbursements for the year 1919-20.

Disbursements.	Amount. Rs.	A.	P.	Receipts.	Amount. Rs.	A.	P.
Allowance	...	...	...	Sale of grass	3	2	0
Labour.							
Wages of gardeners, etc. ...	420	4	3				
Purchasing tubs	48	0	0				
Painting railing gates and white washing	19	9	5				
Fees for band playing ...	1,440	0	0	Met from the Corporation funds.	1,924	11	8
	1,927	13	8				
Tools and plants	...	..	...				
Total ...	1,927	13	8	Total ...	1,927	13	8

Sivagnanam Park—Statement of Receipts and Disbursements for the year 1919-20.

Disbursements.	Amount.			Receipts.	Amount.		
	Rs.	A.	P.		Rs.	A.	P.
Labour.				Sale of grass	5	1	0
Gardeners, etc.	503	7	2				
Contingencies including tools and plant	232	11	10	Met from the Corporation funds.	731	2	0
Total ...	736	3	0	Total ...	736	3	0

APPENDIX II—TABLE No. 28.

CORPORATION WORKSHOPS.

Statement Shewing the Number & cost of Works executed during 1919-20.

No.	Particulars.	Number.	Cost.		
			Rs.	A.	P.
I	Departmental Works	4,858	2,42,808	2	8
II	Private Works	105	5,550	5	2
III	Foreign or Works under Advances Recoverable	62	1,602	11	0
	Total ...	5,025	2,49,961	2	10
	New Works 864				
	Repairs 4,161				

Statement showing the number and description of carts, buckets etc, manufactured during 1919-20.

Description	No.	Remarks
Single bullock night-soil carts	40	
Barrel carts	3	
Wooden box carts	6	
„ trolly	1	
Iron hand-carts with buckets	7	
do. without buckets	2	
Iron night-soil buckets with lids	124	
Wrought iron meter doors	86	
Wooden meter doors	31	
Cast iron meter doors	4	
do. stop cock covers	500	
do. electric glow lamp posts ...	350	
do. gratings	149	
do. tee joint boxes	506	
do. St. through boxes	48	
do. switch boxes	120	
do. light covers	28	
do. galley gratings and frames ...	85	
do. lanterns	253	
Country lanterns	154	
Wrought iron tippers	11	
Cast-iron tipper covers	9	
Swan-neck brackets	40	
Tin watering cans	100	

Statement of new machinery purchased during 1919–20

No	Description of Machine.	No.	Value Rs
1.	South Bend Hollow Spindle sliding, surfacing and screw cutting, gap Bed Lathe No. 134. $6\frac{1}{2}'' \times 6'$ Bed taking 3′ 9″ between centres and swinging in gap 19″ diameter 7″ wide complete with graduated compound rest automatic crosses and longitudinal feeds large and small face-plates, steady rest, change gears, gear guards, spanners double friction counter shaft	1	1,450
2.	South Bend Hollow Spindle sliding surfacing and screw cutting gap bed lathe 8″ central 10 ft. bed taking 7 feet between centre and swinging in gap 24″ diameter $\times$ $8\frac{3}{8}''$ wide complete with graduated compound rest, automatic cross and longitudinal feeds large and small face-plates, steady rest, change gears, gear guards, spanner double friction counter shaft.	1	2,470
3.	1″ Silece 20″ drilling machine No. 862 with power lence and wheel feed, automatic stop and square base and 16″ circular table, etc., back-geared giving eight speeds	1	650

Statement showing the estimates amounting to Rs. 1,000 and above executed during 1919–20.

No.	Particulars.	Amount of the Estimate.	Expenditure.
		Rs.	Rs.
1.	Manufacturing and supplying 225 cast-iron Tee joint boxes for the use of street electric lighting in 18th Division	1,647	1,266
2.	Manufacturing and supplying 8 cast-iron tipper covers, 8 wrought-iron tipper measuring $2\frac{1}{2}' \times 1\frac{1}{2}' \times 1'$ each for the use of latrines as per order of House Drainage Department	1,424	1,301
3.	Manufacturing and supplying 50 iron night-soil buckets with lids for the storekeeper, Corporation of Madras	3,150	2,809
4.	Manufacturing and supplying 25 gunmetal seatings with flaps, pins, set screws and iron dogs complete for Nos. 1 and 2 Worthington Engine for Napier Park Pumping Station	1,050	769
5.	Manufacturing and supplying 100 cast-iron electric glow lamp posts, ladder arms, wrought iron brackets, water tight doors with 17 wrought iron keys for doors for street lighting ...	11,013	10,376
6.	Manufacturing and supplying 40 Single Draught night-soil carts of supply and transport wheels (cast iron naved wheels and supply and transport axles supplied by Chief Superintendent, Cart Depots) for H. C. & E. depots	12,400	11,961
7.	Manufacturing and supplying 100 iron night-soil buckets with lids for Store-keeper, Corporation of Madras	3,450	2,546
8.	Manufacturing 4 Teak wood bodies for motor lorries for Pallavaram Quarry work	5,060	3,226
9.	Manufacturing cast-iron gratings of different sizes for Nos 1 and 2 Hornsby Oil Engine water circulating pipes and exhaust pipe pits for Mylapore Pumping Station	1,310	1,244
10.	Fitting new teak wood bodies for four Ford car chassis	1,860	1,689
11.	Manufacturing and supplying 150 cast-iron switch boxes with cast-iron bifurcating boxes, 150 brackets with pipes galvanized and 150 brass nipples including checknuts and leather washers for street lighting	4,235	3,020

No.	Particulars.	Amount of the Estimate.	Expenditure.
		Rs.	Rs.
12.	Manufacturing 4 sets of gunmetal bearings large white metalling the same re-whitemetalling 3 sets of cast-iron bearing larges twining the two eccentric shafts and manufacturing bolts and nuts and foundation plates for the use of stone-crushing machine at Pallavaram Quarry ...	2,650	2,380
13,	Manufacturing and supplying 1490 bolts and nuts 1½" thread for the siding at Pallavaram Quarry.	1,250	1,205
14.	Manufacturing and supplying one gross cast-iron T joint boxes and one gross Ceiling chambers with wooden bushes &c., for street electric lighting	1,070	682
15.	Manufacturing and supplying one stand for Saline apparatus 6 Delivery Boards for Labour ward as per specification, to both tubs for infants for Rajah Sir Ramasami Mudaliar's Lying-in-Hospital	1,730	1.110
16.	Manufacturing and supplying caster-iron collars, caps apers and T Branches of different sizes for the assistent Engineer, water works ...	1,912	1,801
17.	Manufacturing and supplying 6 single Draught Rubbish Carts with wooden body of supply and transport wheel, axles and cast-iron naves complete for Chairman Municipal Council, Adoni	2,100	2,089
18.	Manufacturing and supplying physical Apparatus for the play ground, Madura	1,550	1,297

Statement No. 1 showing the number of pupils on rolls and the average daily attendance for the years ending with 1918–19 & 1919–20.

Serial No.	Names of Corporation Schools.	No. of Pupils on Rolls.				Average daily attendance of Pupils.				No. of Pupils from Backward classes attending the schools on 31st Mar.'20
		on 31st March '19		on 31st March '20		1918–19		1919–20		
		B.	G.	B.	G.	B.	G.	B.	G.	
1	Sanjeevarayenpet ...	189	13	139	13	130	7	134	11	40
2	Malayappen Street ...	229	33	143	25	106	14	96	15	83
3	Korkupet ...	165	6	132	5	90	2	101	4	59
4	Angappa Naick Street	187	10	111	6	70	5	67	6	35
5	Salaivinayagar Koil St.	131	46	148	37	76	15	103	29	83
6	Vasapmodu ...	78	42	109	3	30	18	102	3	26
7	Cemetery Road ...	144	38	111	26	92	26	100	22	63
8	Vallaba Agraharam ...	183	17	172	18	115	12	150	15	31
9	Chetput ...	128	26	106	15	77	11	79	13	105
10	Periamet ...	135	45	142	45	83	28	100	35	139
11	Chintadripet ...	140	25	126	30	99	16	101	22	89
12	Purasawakkam ...	187	1	170	1	135	1	137	1	93
13	Mylapore ...	170	16	175	12	102	9	131	9	139
14	Nungambakam ...	170	32	158	27	153	28	163	28	88
15	Goyatope ...	182	38	140	22	113	17	112	19	99
16	Thousand Lights ...	147	33	136	29	64	10	99	23	60
17	Venkatrangam Pillai St.	123	52	102	65	74	22	86	42	96
18	Bells Road ...	175	67	169	43	115	39	140	37	63
19	Choolai ...	225	33	219	20	143	14	170	15	87
20	Triplicane High Road...	144	16	195	5	96	7	142	4	110
21	Royapettah ...	186	17	173	13	117	9	133	12	94
22	Edapalayam ...	101	46	126	31	83	39	87	17	114
23	Royapuram ...	9	1	99	4	9	1	58	2	17
24	Tenampet ...	46	5	125	20	46	5	97	12	134
25	Ubbrapalayam ...	...	...	62	16	...	...	47	12	64
26	Tiruvathur High Road	...	...	71	18	...	...	45	13	36
27	Kasimodu ...	...	...	28	9	...	...	17	6	33
		3504	658	3587	568	2255	355	2797	427	2080

Statment No. 2 relating to general statistics in Educational institutions in the area under the control of the Corporation of Madras.

Institutions.	1919. Number of Schools.	1919. No. of pupils on 31st March 1919. Boys.	Girls.	1920. No. of schools.	1920. No. of pupils on 31st March 1920. Boys.	Girls.	Remarks.
Elementary Schools for Boys							
Municipal ..	24	3,504	658	27	3,587	568	
Aided from provincial Funds. ..	...	...	...	...	...	...	
Municipal							
Others—							
(1) Recognised ...	234	17,987	3,108	209	15,117	2732	
(2) Unrecognised ..	69	2,379	95	32	1,891	306	
Total ...	327	23,870	3,861	268	20,595	3,606	
Elementary Schools for Girls.							
Municipal ..	...	...	..	...	...	...	
Aided from Municipal Funds ..	...	...	...	...	...	...	
Others—							
(1) Recognised ..	58	797	7,587	61	8,714	1,056	
(2) Unrecognised ..	2	...	360	2	116	1	
Total ..	60	797	7,947	63	8,830	1,057	

Statement No. 3. giving particulars as to the qualifications of the teaching staff empolyed in institutions maintained or aided from Municipal Funds. (Corporation of Madras).

Class of Institutions,	Number of teachers employed.	Number possessing professional certificates	Number possessing general educational qualifications only.	Number entirely uncertificated.	Remarks.
	1	2	3	4	
Elementary Schools for Boys.					
Maintained by the Corporation ...	130	122	5	3	
Aided from local or Municipal Funds ...	...	...	...	...	
Aided from Provincial Funds } Males ..	663	286	262	115	
Aided from Provincial Funds } Females ...	51	22	25	4	
Total Males ..	793	408	267	118	
Total Females...	51	22	25	4	
Elementary Schools for Girls.					
Municipal ...	...	...	...	...	
aided from Provincial Funds } Males...	378	266	102	10	
aided from Provincial Funds } Females...	26	15	10	1	

Statement No. 4. showing Receipts and Charges on account of Education during the year 1919—20.

No.	Name of the School.	Receipts.			Charges for the Maintenance of Schools. Establishment.			Allowances.			Labour.			Other Expences.			TOTAL.			New works and repairs to Buildings etc. New works.			Repairs.			Total.			Grand total.		
		Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
1	Corpn. Model School Chetput	...	...	...	2327	5	11	...	...	...	85	0	0	207	5	0	2619	16	11	...	...	...	...	...	...	...	...	...	2619	10	11
2	Vallabha Agraharam ...	...	...	...	2333	2	0	...	...	...	84	6	9	248	12	7	2666	5	4	...	...	...	76	4	7	76	4	7	2742	9	11
3	Periamet ...	...	...	...	2263	10	6	...	...	...	83	13	4	187	2	0	2534	9	10	...	...	...	9	0	4	9	0	4	2543	10	2
4	Purasawalkam ...	...	...	...	2319	14	9	...	...	...	85	0	0	20	13	9	2614	12	6	...	...	...	...	...	...	...	...	...	2614	12	6
5	Chintadripet ...	...	...	...	2305	9	10	...	...	...	85	0	0	260	7	10	2651	1	8	...	...	...	...	...	...	...	...	...	2651	1	8
6	Mylapore ...	...	...	...	2344	9	4	...	...	...	85	0	0	319	2	7	2748	11	11	...	...	...	5	12	0	5	12	0	2754	7	11
7	Nungambakam ...	...	...	...	2329	8	4	...	...	...	85	0	0	191	4	0	2605	12	4	...	...	...	...	...	...	...	...	...	2605	12	4
8	Goyathope ...	...	...	...	2318	4	4	...	...	...	84	0	0	281	2	7	2683	6	11	...	...	...	3	6	0	3	6	0	2686	12	11
9	Thousand Lights ...	...	...	...	2326	10	8	...	...	...	82	0	8	370	2	9	2778	14	1	...	...	...	...	...	...	...	...	...	2778	14	1
10	Venkata Rangam Pillai Street	...	...	...	2267	9	10	...	...	...	85	0	0	183	6	1	2535	15	11	...	...	...	37	8	0	37	8	0	2573	7	11
11	Bells Road ...	...	...	...	2274	5	6	...	...	...	85	0	0	258	13	5	2618	2	11	...	...	...	10	5	0	10	5	0	2628	7	11
12	Choolai ...	...	...	...	2435	15	8	...	...	...	85	0	0	241	11	5	2762	11	1	...	...	...	116	7	3	116	7	3	2879	2	4
13	Royapettah ...	...	...	...	2304	13	7	...	...	...	85	0	0	284	1	1	2673	14	8	...	...	...	...	...	...	...	...	...	2673	14	8
14	Triplicane High Road ...	...	...	...	2326	10	8	...	...	...	85	0	0	268	4	11	2679	15	7	...	...	...	...	...	...	...	...	...	2679	15	7
15	Teyanampet ..	...	...	...	1627	6	2	...	...	...	77	8	5	1426	11	10	3131	10	5	...	...	...	358	14	9	358	14	9	3490	9	2
16	Sanjeevaroyanpet ..	...	...	...	2302	8	5	...	...	...	85	0	0	186	7	1	2573	15	6	...	...	...	12	12	0	12	12	0	2586	11	6
17	Malayappan Street ...	...	...	...	2304	2	8	...	...	...	85	0	0	208	3	0	2597	5	8	...	...	...	...	...	...	...	...	...	2597	5	8
18	Korukupet ..	...	...	...	2297	11	8	...	...	...	85	0	0	290	13	5	2673	9	1	...	...	...	33	15	5	33	15	5	2707	8	6
19	Salaivinayagar koil Street ...	...	...	...	2298	0	11	...	...	...	85	0	0	283	1	9	2666	2	8	...	...	...	...	...	...	...	...	...	2666	2	8
20	Angappa Naick Street ..	...	...	...	2311	2	11	...	...	...	84	7	0	259	0	7	2654	10	6	...	...	...	570	6	9	570	5	9	3225	1	3
21	Vasapmodu ..	...	...	...	2312	13	5	...	...	...	85	0	0	180	4	0	2578	1	5	...	...	...	86	7	3	86	7	3	2664	8	8
22	Cemetry Road ...	...	...	...	2319	11	2	...	...	...	85	0	0	202	6	2	2607	1	4	...	...	...	18	15	0	18	15	0	2626	0	4
23	Elappalyan ...	...	...	...	1994	8	3	...	...	...	85	0	0	483	8	5	2562	14	8	1891	11	0	...	...	...	1891	11	0	4454	9	8
24	Royapuram ...	...	...	...	1450	11	0	...	...	...	78	12	4	1160	0	11	2689	3	3	...	...	...	...	...	...	...	...	...	2689	8	3
25	Obrapalayam ...	...	...	...	604	2	8	...	...	...	44	3	8	121	14	6	770	4	10	6212	0	0	...	...	...	6212	0	0	6982	4	10
26	Tiruvothiyur High Road ...	...	...	...	533	15	11	...	...	...	32	9	10	123	2	6	689	12	3	6585	0	0	...	...	...	6585	0	0	7274	12	3
27	Kasimodu ...	...	...	...	...	...	...	...	...	...	...	...	...	62	5	2	62	5	2	786	14	10	...	...	...	786	14	10	849	4	0
28	Mirshibpet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	807	0	1	...	...	...	807	0	1	807	0	1
29	Annie Besant Free School				...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	279	14	5	279	14	5	279	14	5
	Krishnampet ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	10	0	5	10	0	5	10	0
30	Ghouse Mohidenpet School ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	5	10	0	5	10	0	5	10	0
31	Supdt. of Corpn. Schools ...	...	...	...	1425	0	0	60	0	0	...	...	...	...	...	...	1485	0	0	...	...	...	...	...	...	...	...	...	1485	0	0
32	Model play Ground ...	...	...	...	451	0	0	...	...	...	...	...	...	1277	14	7	1728	14	7	...	...	...	...	...	...	...	...	...	1728	14	7
33	Reading room Egmore ..	...	...	...	...	...	...	...	...	...	...	...	...	1399	2	3	1399	2	3	...	...	...	...	...	...	...	...	...	1399	2	3
34	Purchase of Journals ..	...	...	...	...	...	...	...	...	...	...	...	...	158	1	0	158	1	0	...	...	...	...	...	...	...	...	...	158	1	0
	Total ...	...	...	...	56711	2	1	60	0	0	2096	14	0	11334	9	2	70202	9	3	16282	9	11	1625	10	9	17908	4	8	88110	13	11

	Rs.	A.	P.
Training grants for teachers under going training in the Govt. Training School Triplicane ...	461	0	7
Stipends to clerks under going training in the Corporation workshop in mechanical work ...	281	3	1

T. VENKATA ACHARYA.

To

THE PRESIDENT,

Corporation of Madras,

MADRAS.

ANNUAL REPORT OF ROYAPETTAH HOSPITAL FOR THE YEAR 1919-20

Accommodation.—The Hospital accommodates 76 Patients, 68 beds for Indians and 8 beds for Europeans and Eurasians.

Patients treated.—There were 2903 in-patients and 54420 out-patients, the corresponding number of last year were 3370 in-patients and 57251 out-patient respectively.

Operations.—A total number of 3331 were performed during the year, 1115 in-patients in Hospital and 2216 out-patients in Dispensary.

Amount of Recoveries.—The amount recovered from the patients treated in Special ward was Rs. 356.

General Remarks.—The Hospital was handed over to Government from 1st October 1919.

GOVT. ROYAPETTAH HOSPITAL,
29*th May* 1920.

R. GANAPATHI IYER, L.M.S.,
Ag. Surgeon, 4th Dist.

REPORT ON THE WORKING OF THE RAJAH SIR RAMASAWMY MUDALIAR LYING IN HOSPITAL FOR THE OFFICIAL YEAR 1919-1920.

I. *Accommodation.*—There are fifty beds in the hospital including 8 beds in the contagious sheds.

II. *Attendance.*—3,961 out-patients and 1957 in-patients were treated during he y ear as compared with 1,8 45 out-patients and 1,721 in-patients in the previous year. The number of Confinements were 1,388 against 1233 in the previous year. The daily average was 38·26, in-patients and 24·33 out-patients as compared with 34·26 in-patients and 9·56 out-patients last year.

III. *Operations.*—144 obstetric operations were performed during the year. The principal obstetrc operations performed were,

Application of forceps	68
Podalic version	22
Podalic Extraction	20
Craniotamy	2
Other obstetric operations	32
Total ...	144

IV. *Visits.*—The Hospital was visited by Her Excellency Lady Willingdon on 9th March 1919 and the following remarks were made in the visitors book.

"Government House Madras."

"I was most interested in this charming hospital and found it full to overflowing I am so glad to hear they may be getting some more wards owing to the generosity of the son of the generous founder.

V. *Remarks.*— The Hospital trains 24 Indian midwives every year 18 being stipended by the Corporation and 6 by the District Boards and Municipalities. Besides, the students of the Rayapuram Medical School are given practical and clinical lectures in Midwifery in the hospital.

E. W. C. BRADFIELD,

MAJOR, I. M. S.,

Superintendent,

RAJA SIR RAMASAMY MUDALIAR,

Lying-in-Hospital.

WESLEYAN MISSION RITHERDON
ROAD VEPERY,
MADRAS, *19th May* 1920.

From

REV. C. H. MONAHAN, M.A.,

Honorary Secretary and Treasurer

Kalyani Hospital, Mylapore, Madras.

To

THE PRESIDENT,

The Corporation of Madras,

MADRAS.

SIR,

I have the honour to submit a report of the working of the above Hospital during the official year 1919–20. On the 14th instant I forwarded to you the annual returns for 1919–20.

I have the honour to be,
Sir,
Your most obedient servant,
C. H. MONAHAN.

KALYANI HOSPITAL REPORT FOR 1919–20.

During the year under review the Medical staff of the Hospital has consisted of Mrs. Monahan, M.D , B.S., Honorary Medical Superintendent and Miss M. A. Joseph, Apothecary, Assistant Medical Officer. There has been an increase in all departments of the Hospital work. In particular the number of out-patients has very largely increased. The attendance at the Triplicane Dispensary has risen by several thousands. There has also been an increase in the number of in-patients and operations.

By the kindness of Government the Management has been enabled to install electric light and fans in the Hospital and Dispensaries. The equipment of the Hospital still needs considerable improvement. The accommodation for nurses is inadequate and the out-patients' Dispensary requires to be improved and extended. The Management has undertaken to give all possible facilities for the Clinical Instruction of students of the Women's Medical School which is to be opened in Madras. The Government has been pleased to make a half grant of Rs. 10,000/- towards the cost of extra land and improvements of the buildings.

The Management would take this opportunity of thanking the Corporation for increasing its grant from Rs. 600 to Rs. 1,000. Owing to the increase of the work the cost of this useful institution has greatly increased as will be seen from the financial statement already submitted.

C. H. MONAHAN.
Honorary Secretary and Treasurer

San Thome Dispensary,
San Thome,
Madras, 11*th May* 1920.

From

M. R. Ry. Rao Bahadur G. Narayanaswami Chetty Garu,
Honorary Secretary and Treasurer.
San Thome Dispensary Madras.

To

The President,
Corporation of Madras,
MADRAS.

Sir,

I have the honour to furnish herewith the report on the working of the San Thome Dispensary with the statement showing the attendance of patients, the income and the diseases treated for the year 1919–20.

History.—This charitable Institution was founded by the late Bishop Strachn M D., in 1874 apparently in connection with S. P. G Mission and is of great value not only to the general public, but also to the several charitable institutions in and around San Thome and Mylapore and to the poor of all classes and communities without distinction to caste, creed or nationality. It has been in existence for the past 47 years, affording medical and surgical relief to the sufferers that resort to the place. If every thing goes well the Committee desires to celebrate the Diamond Jubilee of the Institution after two years.

Constitution and means of support.—The dispensary is now supported by the Corporation and by the generous public and managed by a local Committee.

Accommodation.—The building in which the dispensary is located is the property of the S. P. G. Mission for which a nominal rent is being charged by the mission, for which the Committee with the public is grateful.

Total treated.—The subjoined table shows the total number of patients treated during the year under report, with the daily average sick, as compared with those for the two previous years.

Years	Total treated	Average daily sick.
1919–20	11163	67·28
1918–19	11134	64·28
1917–18	10379	63·33

The increase in the cases treated this year as well as last year and that of the average daily sick is due to recrudence of Influenza and its after-effects Malaria and other allied fevers and etc

Operations —595 operations of minor nature were performed during the year

Income.—The total income of the year from all sources is Rs. 1,571–15–0 against Rs 1, 612–14–8 in the previous year

Special Funds :—Nil.

The Corporation have been paying their monthly grant of Rs. 66–10–8 and the annual grant of Rs 300 for the purchase of medicines. The deficit is being supplemented by public subscriptions and donations.

Supplies.—European medicines were usually obtained from the Madras Government Medical Stores and minor necessaries were obtained on a payment from time to time.

Establishment.—The staff consists of a Sub Assistant Surgeon (L. M. P.) a certificated compounder, and two menials.

Working of the Establishment.—The dispensary is kept open daily from 7 to 10 A. M. but medical aid is available at all hours of the day as the Sub-Assistant Surgeon is living in the premises.

Administration.—The dispensary was inspected on several occasions by the members of the Committee, once by the Corporation President and once by the Divisional Councillor.

General Remarks.—The dispensary maintains its popularity as usual and continues to do its good to all. The Sub-Assistant Surgeon Mr. F. Immanuel Pillai as usual takes great interest in the discharge of his duties.

The Committee have to record with regret the death of Mrs. A. Firth, who for several years was connected with this Institution as its Chairman and her

loss is highly deplorable as she was of great assistance in all endeavours to improve the institution.

The Members of the Committee take this opportunity of thanking the Councillors of the Corporation of Madras, for the increased annual grant for the year 1920–21 and also to all charitable Ladies and Gentlemen of the City of Madras, who actually sympathise with the needs of this Institution and contribute their mite towards its upkeep.

I have the honour to be
Sir,
Your most obedient servant,
G. NARAYANASWAMY CHETTY
Honorary Secretary and Treasurer,
San Thome Dispensary, Madras.

ST. THOMAS CONVENT DISPENSARY,
21*st April* 1920.

To

H. H. BURKITT, Esq I.C.S.
President of the Corporation of Madras,

From

THE LADY SUPERIOR.
St. Thomas' Convent Dispensary,
Mylapore.

Sir,

I have the honour to submit to you the Annual Report of the Convent Dispensary.

The cost of medicines and drugs has heavily increased and may I ask you, Sir, this year, as last year, to take this into consideration and be pleased to help us with a further increase of contribution from the Corporation of Madras.

Dr. Subramany Iyer charitably gives his consultation free to the inmates of the establishment. The number of patients treated during the last year is 8210.

An operation room, adjoining the dispensary, would be a great advantage, but for want of funds and the dearness of building material, I fear, we shall have to wait yet, unless help is given to us.

I have the honour to be
Sir,
Your most obedient servant,
M. FLORA & M. M.

Madras 11th May 1920.

From

M. R. Ry. G. A. NATESAN Avl.,

Honorary Secretary to the Governors,

of the Victoria Caste and Gosha Hospital,

MADRAS.

To

The PRESIDENT,

Corporation of Madras,

Ripon Buildings.

Sir,

I have the honour to submit an account of the working of the Victoria Caste and Gosha Hospital during the last year.

The total number of patients treated during the year under Report was 17,112 as compared with 16,840 treated during the previous year. The number of in-patients treated was 2,593 against 2,564 of the previous year, and the number of out-patients was 14,519 against 14,276 of the year before thus showing an increase in the numbers treated in both in-patient and out-patient Department.

The total number of attendance during the year is 37,729.

There were 763 mid-wifery cases admitted during the year 1919 while the number of cases treated during 1918 was 679. This increase is encouraging as it has occurred not with-standing the fact that the Corporation Child Welfare Scheme has a centre in the neighbourhood of the Hospital and draws away a certain number of cases.

Of the 763 labour cases treated, 453 were natural labour and 310 were abnormal cases.

The total number of operations performed both major and minor is 4,188, of these 470 were performed under general anaesthetic.

The number of Hindus and Mohomedans treated during the year are :—

	In-patients	Out-patients
Hindus.	1,763	10,751
Mahomedan .	815	3,768
Eurasian	15	...

The total number of available beds is 83. The average daily attendance of in-patients was 93·8 and of out-patients was 120·54.

ENDOWMENTS AND DONATIONS.

During the year forty-one beds were supported by the following ladies and gentlemen :—

	Beds supported during the year 1919.	No.
1	M. A. Malike, Esq.	1
2	The Hon'ble Mr. S. Srinivasa Ayengar, C.I.E.	3
3	The Hon'ble Mr. Justice T. V. Seshagiri Iyer.	1
4	H. P. M. Rao, Esq.	1
5	M.R. Ry. C. P. Ramaswami Ayyar Avl B.A. B.L.	2
6	J. W. Crusha, Esq.	1
7	Sir William Beardsell	1
8	F. E. L. Worke, Esq.	1
9	Mrs. Madella Jogemmah Garu	1
10	Lady Wallis	1
11	C. Abdul Hakim Sahib	1
12	The Hon'ble Dewan Bahadur P. Rajagopala Achariar	1
13	M. R. Ry K. Suryanarayana Rao Avl.	1
14	Abbas Hussain Sahib	1
15	M. R. Ry. A. R. Duraiswami Ayyangar Avl.	1
16	Mrs. Todhunter O. B. E.	1
17	M. R. Ry. N. R. Ayyar Avargal	1
18	M. R. Ry. Sami Venkatachellam Chetty Garu	1
19	Mrs. Salla Soundarya Valli Ammal	1
20	M. R. Ry. Rao Bahadur C. Cunnan Chetty Garu	1
21	The Hon'ble Mr. Justice T. Sadasiva Ayyar	1
22	Salay Muhammad Hajee Ebrahim Sahib	1
23	Sir Gordon Fraser	1
24	R. S. F. Simpson, Esq.	1
25	Khan Bahadur Hajee Muhammad Abdul Aziz Badsha Sahib	1
26	The Hon'ble Major General C. G. Giffard, C.S.I., I.M.S.	1
27	M. R. Ry. G. A. Natesan Avargal	1
28	Khan Bahadur M. A. Khuddus Badsha Sahib	1
29	M. R. Ry. Diwan Bahadur T. M. Rangachariyar Avargal	1
		41

The Committee desire to express their appreciation of the generosity of the following persons for the material aid given to the Hospital during the year:—

1. M. R. Ry. Dewan Bahadur M. A. Parthasarathy Ayyangar Avargal, M. B. E. for the endowment of a permanent bed. The bed is called "The Lady Willingdon Bed" by kind permission of Her Excellency.

2. M. R. Ry. N. M. S. Krishna Ayyar Avargal, for the endowment of a permanent bed.

3. Mrs. Dharmamba Ammal (c/o M. R. Ry. N. R. Ayyar Avargal of Calcutta) for her generous donation of Rs. 2,360 towards the general funds.

4. M. R. Ry. Rao Bahadur C. Cunnan Chetty Garu for so generously supporting ten temporary beds.

5. Hormusji Nowroji, Esq., for his generous donation of Rs. 1,000 towards the general funds.

The Committee is also thankful to the Madras Corporation for having increased the annual grant from Rs. 1,500 to Rs. 2,000 during the year.

I was elected Honorary Secretary to the Victoria Caste and Gosha Hospital in August 1915 and the financial condition of the Hospital was not very satisfactory. There were only 9 temporary and 39 permanent beds in the previous year. I am glad to be able to state that owing to the generosity of several citizens of Madras both Indian and European, year after year, the number of temporary and permanent beds increased, and as will be seen from the latest Report a copy of which is herewith annexed, in the last year the Hospital maintained 41 temporary and 50 permanent beds. Besides, during the five years it had been my privilege to be the Secretary, the Institution received substantial pecuniary help from Rao Bahadur C. Cunnan Chetty Garu, M. R. Ry. N. R. Ayyar, a well known Madrasi connected with Messrs. Andrew Yule & Co. Calcutta, and the late lamented C. Ramanujam Chetty Garu.

The Madras Government which was giving the Hospital a fixed grant of a thousand Rupees in 1914 was good enough to increase it in 1916 to a maximum of Rs. 5,000 a year. On a further representation made by me in May 1919 the Government was pleased to increase the limit of the grant to Rs. 10,000.

Despite the donations received from the public, the annual contribution of the Madras Corporation and the increased grants from the Government, it was found that as the popularity of the Hospital increased rapidly, the expenditure in all directions particularly in the cost of diet, medicines, etc., also increased greatly during the years of the war. A considerable amount of money was required to equip the Hospital and bring it up to date. It was felt by those interested in the welfare of the Hospital that the interests of the Institution would be better served, if it was taken over and managed by Government.

At a meeting of the Governors held on the 7th January 1920 under the presidency of His Excellency Lord Willingdon, the Governors of the Hospital unanimously resolved to hand over the Hospital to Government.

The Committee of management are now taking the necessary steps to have this decision given effect to.

I have the honour to remain,

Sir,

Your most obedient servant,

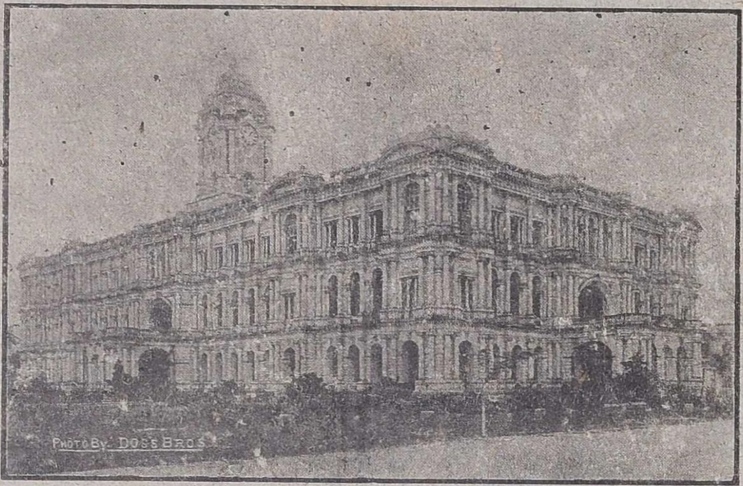
G. A. NATESAN.

Honorary Secretary to the Governors of the Victoria Caste & Gosha Hospital.

Statement showing the diseases treated in the undermentioned Hospitals and dispensaries during the year 1919—20.

	Names of Diseases.	Hospitals and Dispensaries. St Thomas. Convent Dispensary.	San Thome Dispensary.	Victoria Hospital for Caste and Gosha Women.	Raja Sir Ramaswamy Mudaliar Mate rnity Hospital.	Royapettah Hospital.	Kalyani Hospital.	Total.
Infective Diseases.	Cholera	...	...	2	...	...	...	2
	Dysentery	335	513	368	141	1,319	201	2,877
	Enteric fever	12	...	13	...	45	...	70
	Gonorrhoea	7	26	198	...	467	15	713
	Ka'a-Azar	...	...	9	...	74	...	83
	Leprosy	52	21	3	...	11	...	87
	Malaria	298	262	933	1,060	1,837	87	4,477
	Plague	...	...	...	...	1	...	1
	Pneumonia	22	11	65	9	84	16	207
	Pyrexia of uncertain origin	4	251	406	86	3,549	731	5,027
	Rheumatic fever and Rhumatism ...	456	387	552	54	2,043	319	3,811
	Small-pox	14	...	...	...	1	...	15
	Syphilis (primary and secondary) ...	121	64	96	28	659	26	994
	Tubercle of the lungs	108	4	71	16	85	41	325
	Other Tubercular diseases	26	16	51		157	7	257
	All other infective diseases	156	526	101	156	2,940	60	3,939
Other General Diseases.	Anaemia ... ... — ...	573	112	292	50	1,222	89	2,338
	Diabetes	18	4	24	...	50	4	100
	Scurvy	...	...	...	...	3	...	3
	New growths { Non-Malignant	258	...	36	2	68	...	364
	New growths { Malignant	18	...	22	2	51	42	135
	All other general diseases	464	92	49	2	6,252	836	7,695
Systemic Diseases.	Diseases of the nervous system ...	36	262	164	16	1,549	152	2,179
	Diseases of the eye	376	223	95	15	325	226	1,260
	Diseases of the ear	552	759	673	7	2,310	420	4,721
	Diseases of the nose	16	37	23	...	115	67	258
	Diseases of the circulatory system ...	348	18	54	11	281	8	720
	All diseases of the respiratory system except Pneumonia and Tubercle of the lungs	162	1,078	1,145	719	4,945	711	8,760
	Dyspepsia	430	577	374	[illegible]	1,603	225	3,301
	Diarrhoea	632	526	368	158	1,037	334	3,055

CORPORATION OF MADRAS



(RIPON BUILDINGS)

Administration Report

FOR

1919-20.

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